

ANNUAL REPORT
OF
THE MINES BRANCH
OF THE
PROVINCE OF ALBERTA
FOR THE YEAR
1924



EDMONTON:
PRINTED BY J. W. JEFFERY, KING'S PRINTER
1925

15

EDMONTON, FEBRUARY 28, 1925.

TO THE HON. H. GREENFIELD,
President Executive Council.

SIR:—

I herewith submit the report of The Mines Branch for the year ending December 31, 1924.

Respectfully submitted,

JOHN T. STIRLING,
Chief Inspector of Mines.

ANNUAL REPORT OF THE MINES BRANCH FOR THE YEAR ENDING DECEMBER 31, 1924.

The total amount of coal produced in the Province during the year was 5,203,713 tons, of which 1,431,327 tons were sold for consumption in the Province of Alberta; 1,830,906 tons in other provinces in Canada; 39,142 tons for consumption in the United States; 1,613,574 tons were sold to railroad companies; 195,420 tons were used under colliery boilers; 4,618 tons were used by colliery railroads; 70,104 tons were put to stock, and 64,559 tons were put on the waste heap. Of the total amount disposed of, 45,277 tons were lifted from stock and 660 tons were lifted from the waste heap.

It will be noted that the importations of coal from the United States to points east of British Columbia in Western Canada, including Fort Frances, Fort William and Port Arthur, show a decrease of 518,084 tons as compared to the importations during 1923, and the shipments of coal from Alberta to all Provinces in Canada, except British Columbia, show a decrease from 1923.

During the year 1924 the production of coal in the Province was 1,663,210 tons less than the amount produced during the year 1923, the greatest loss being in the output from the Bituminous mines; the largest monthly production being during the month of January, when 919,360 tons were produced.

Three shale mines and 399 coal mines were in operation during the year 1924; of which 60 were opened, 19 re-opened and 87 abandoned. In addition to the mines abandoned, 68 were closed temporarily, leaving 313 mines in operation at December 31, 1924.

The list of permitted explosives was amended during the year by adding to it the explosive known as "Miners' Friend No. 6," and deleting therefrom the explosives known as "Monobel No. 1," "Polar Monobel No. 2," "Polar Permitite" and "Coalite D.L.F."

The only change in the staff of inspectors was caused through the death of Mr. Jas. Crowder, District Inspector, with headquarters at Blairmore, Mr. Moses Johnson being appointed to fill the vacancy.

There were three accidents during the year, each of which caused the loss of more than one life; of these the most serious was the explosion on August 2, in the mine operated by the Midland Collieries, Ltd., in which the overman and two other men lost their lives. Two men were killed by a fall of coal from the face of the stripping pit at the mine operated by the Sterling Collieries, Ltd., at Sterco, and two men were killed by a fall of rock while working an electrically operated coal cutting machine in the mine operated by the Alberta Block Coal Co., Ltd., Drumheller. An ignition of gas occurred in the mine operated by the Foothills Colls., Ltd., at Foothills, in which the manager and examiner were severely burned. This was caused through an open light coming in contact with a body of gas. An ignition of gas from open lights also occurred in a mine in the Leth-

bridge District, two men being severely burned, one of whom died two days after, and, as a result, these mines were required to install and use safety lamps only. All mines in the Lethbridge District are now being required to be inspected before the commencement of work by locked flame type safety lamps.

In addition to the regular inspections all serious and fatal accidents have been investigated by the District Inspectors and all inquests have been attended.

On February 23, fire destroyed the tippie and headgear of the mine operated by the Canadian Dinant Coal Co., Ltd., near Dinant.

Samples of mine air have been taken from different mines by the District Inspectors in addition to tests made by them with the Burrell Gas Detector. These samples have been forwarded to the Department of Mines, Ottawa, for analysis. Samples of coal have also been taken by the Inspectors and forwarded to the Scientific and Industrial Research Council of Alberta for analysis.

There were in use during the year 1,108 Safety Lamps of the Wolfe Flame type, and 6 of the Koehler Flame type, 4,265 Electrical Portable Lamps of the Edison type, 569 of the Wico type, 43 of the Ceag type and 25 of the Oldham type.

The use of electric power generated at central plants in the Province is increasing, there being used at the mines in the Crow's Nest Pass District 7,257,853 K.W. hrs., which power was purchased from the hydro-electric plant operated by the East Kootenay Power Co., Ltd., at Bull River, B. C. In the Lethbridge field there were 344,560 K.W. hrs. purchased from the City of Lethbridge for use by the mines in that District. In the Medicine Hat field 38,920 K.W. hrs. purchased from the City of Medicine Hat for use by the mines in that district. There was purchased by the mines in the Edmonton district from the City of Edmonton 375,407 K.W. hrs., and from the power plants in the Drumheller, Rosedale and Wayne districts for use by the mines in those districts, 1,312,643 K.W. hrs.

There were 43 prosecutions instituted for contraventions of the provisions of The Mines Act, a conviction being obtained in each case; of those prosecuted, 24 were operators, 11 officials, 7 miners and 1 driver.

There were issued during the year 270 Provisional Certificates giving authority to persons to act as overmen at mines which employed not more than ten men, if the person to whom the certificate was granted was the holder of a third-class certificate, and not more than five men to be employed if the person was not the holder of a third-class certificate. There is also the proviso that all shots fired in the mine shall be fired by the person holding the certificate.

The number of persons employed in the mines during the month of December was 12,061, being 584 more than were employed during the month of December, 1923.

On October 31, 1924, an Order-in-Council was passed putting into effect revised Regulations under Section 139 of The Mines Act.

In accordance with these Regulations the following explosives are now on the permitted list for use in the Province of Alberta:

- Miners' Friend No. 9.
- Dynobel No. 4.
- Gelpermite No. 1.
- Coalite C.L.F.
- Coalite E.L.F.
- Polar Monobel No. 4.
- Polar Monobel No. 3.
- Polar Monobel No. 6.
- Polar CXL-ITE.
- Coalite A.L.F.
- Miners' Friend No. 6.

Also in pursuance with Regulation 4 (d), the following lamps are herewith approved for use in mines, where safety lamps are required to be used in the Province.

- The Wolfe lamp, flame type.
- The Koehler lamp, flame type.
- The Edison electric lamp (cap).
- The Wico electric lamp (cap).
- The Oldham electric lamp (cap.)
- The Ceag electric lamp (hand).
- The Wheat electric lamp (cap).

REPORT OF THE FUEL ENGINEER.

Winnipeg, Man., February 23, 1925.

SIR:—

I beg to report as follows on the work of the Winnipeg Office of The Mines Branch during the year ending December 31, 1924.

The work reported for the previous years was continued, which consisted of giving advice to consumers and coal dealers visiting the office, and when necessary visiting their places of business or residence.

A large amount of editorial matter was provided for the trade and other journals.

Lectures and talks on various aspects of the coal industry were given to various trade and service organizations.

As reported last year very little public demonstration work showing methods of firing the Alberta coals was done, this phase of the work being carried on by the use of the "Coal Truth" publications and lantern slides.

Experimental work was carried on with the equipment installed to test out improvements in equipments and methods of firing.

I regret that I have to report that the office at 277 Smith Street was burned out on the morning of December 30, 1924. The fire originated in the restaurant next door and very quickly swept through our premises. We have since opened an office at 217 Curry Building, Portage Avenue.

There has been a wide distribution of the "Coal Truth" publications of this office. The following new publications were issued from this office during the year.

Coal Truth No. 18—an article on Canadian Industry.

Coal Truth No. 19—a sixty-four page book written with problems of the coal dealer in mind. This book contains the necessary information that the coal dealer requires as to the characteristics of the various types of coal and methods of obtaining results, with each, in various types of equipment. Included in this publication are the series of Coal Truths on the hand fired power plant; i.e., Coal Truth No. 5—Efficiency and Horse-sense; No. 6—Improved Methods of Firing Steam Boilers; No. 7—Hand Firing and Ash Troubles, and No. 8—Hand Firing the Ideal Setting.

This book was distributed to practically all dealers in Western Canada and to a number of the larger users of coal.

Coal Truth No. 20—On Damper Regulation and Furnace Equipment—a thirty-two page illustrated book outlining the results of our experiments and observations throughout the past few years. It contains suggestions as to the possible improvement in the design of heating equipment to get the maximum results from the coals fired.

This book was written as the result of the difficulty in persuading the technical men and manufacturers of Eastern Canada that the Alberta Domestic Coals would give the results claimed. The technical man in Eastern Canada, not knowing the Alberta Domestic Coals naturally judges them by the coals he does know, i.e., the Soft Coals from the United States. The book was distributed to the members of the Engineering Institute, manufacturers, etc., and judging from comments on it has done something to help change the adverse opinion of the class referred to.

During 1923 the Engineering Institute of Canada appointed various committees in each district in order to solve the fuel problems local to the district. These committees reported to a general committee of the Institute, having headquarters in Montreal.

Considerable correspondence with data was passed by the writer, who was a member of this Committee, stressing the value of Alberta Coals in Central Canada for domestic heating. The data so obtained by the Committee was edited and the salient points discussed in Montreal in March, 1924, at which meeting C. A. Robb, professor of Mechanical Engineering of the University of Alberta, and the writer were present.

Your two representatives stressed the values of Alberta Domestic Coals for Domestic Heating and pointed out that the results obtained in the West with the coals could also be obtained in Central Canada.

There was considerable discussion between the various members of the committee as to the value of the coal as compared with the foreign coal and the statements of your representatives that the results obtained on the existing types of equipment were in favor of the Alberta Domestic Coals were not accepted as facts. That viewpoint is not uncommon with the engineer, but is usual. A person that has never had an opportunity of operating with them can only judge the possible results by his experience with the coals which he is conversant with. If this experience has been with the slow burning coals or with low moisture, high volatile soft coals, it is usual to base the comparison entirely upon a B.T.U. basis, and to neglect the free burning qualities of the higher moisture coals which permit of the transfer of more heat to the house than from the other fuels, except at much attention from the householder.

The fact that these results are being obtained in the West by the ordinary householder was not taken into account.

Both of your representatives brought up the question of the economic value to Canada of the use of Canadian coals, but were advised that the economics of the fuel problem was not one of the purposes of the committee.

Your representatives disagreed with the findings of the Committee with reference to the use of Alberta Coal in Ontario and expected that the findings would be published with a statement to such effect, but this unfortunately was not done which we consider to be an injustice to the Alberta industry.

In April the writer addressed the Ontario Coal Dealers in Convention in Toronto, having received a request from them to do so.

At that meeting it was surprising to note the favorable attitude towards the Alberta product as compared with the meeting of the previous year. There were about 250 dealers present at the meeting, a great number of whom had had an opportunity of trying out some of the coal which was shipped in as experiment during the previous summer. The officials of the Association had done much to broadcast the value to Canada of using the Alberta product.

EXPERIMENTAL WORK

The work on experimental steam heating plant installed in the latter part of 1923 was carried on during the remainder of the winter. A description of the plant with results obtained is contained in Coal Truth No. 20, pages 25-32 inclusive.

In order to overcome some difficulties encountered in the above installation, during the summer of 1924 we designed a hot water heating boiler combining several features which it is believed will enable the user to obtain much greater efficiency. The boiler proper consists of a ring of vertical water tubes welded in top and bottom headers, the tubes are spaced some distance apart and sheet iron plates welded to the outside of each.

DOMESTIC COAL SITUATION

The position of the Alberta Domestic Coal on this market during the year has not improved. The strike occurring in District 18 allowed many of the inferior coals from Alberta to be shipped into this market during the fall of the year. These coals were often sold by unscrupulous or ignorant dealers as of equal value to the better grade coals. This tended to give the Alberta Coals a black eye, which was helped along by the sensational news featuring of the evidence given by the complainants in the investigation into alleged Coal Combine.

Another reason for the decrease in consumption of Alberta Coals on this market was the decrease in the price of Koppers Coke. Last season all this coke was imported from the United States and retailed at \$18.50 a ton. During the summer the Winnipeg Electric Railway installed a plant for the production of Koppers Coke in connection with their gas plant. The price this season is \$15.50 and consequently there has been a greater demand for this fuel.

The coke made by the Winnipeg Electric Railway is made from American Steam Coals. There is a possible market for a Western Steam Coal if it could be laid down in Winnipeg at a price to compete with the American Coals provided it is low in ash. The controlling feature in a coal for making coke for domestic coke being the ash content.

The steam coal situation on this market as far as the Alberta Steam Coals are concerned has not improved since my previous report. It is difficult for Alberta Steam Coals to compete with the American Coals at the prices which prevail here which are mainly dump prices.

During the year two Commissions have been appointed by the Dominion Government to investigate phases of the coal business in Winnipeg, findings of which have not yet been made public.

RE THE CITY BY-LAW

The officials of the City of Winnipeg have had considerable difficulty in enforcing the By-Law for the regulation of the sale of coal, due to a lack of standard analysis of the coals as received on this market. The by-law requires that the dealer submit an analysis of each coal he handles which will show the maximum ash and moisture content and the minimum B.T.U. value. Many dealers in order that they will be amply protected against prosecution under this By-Law put in analysis that leaves a margin which would allow substitution of a lower grade coal in many cases.

At the request of the City officials arrangements have been made with the National Testing Laboratories, Ltd., to make some 250 analyses of the coals as they are received in the City. From these analyses we hope to be able to have a standard for each district which will prevent substitution of lower grade coals.

Another factor which has helped to make the operation of the City By-Law difficult has been the number of new coals that have come into this market during the year, due principally to the fact that the established mines were closed during the strike.

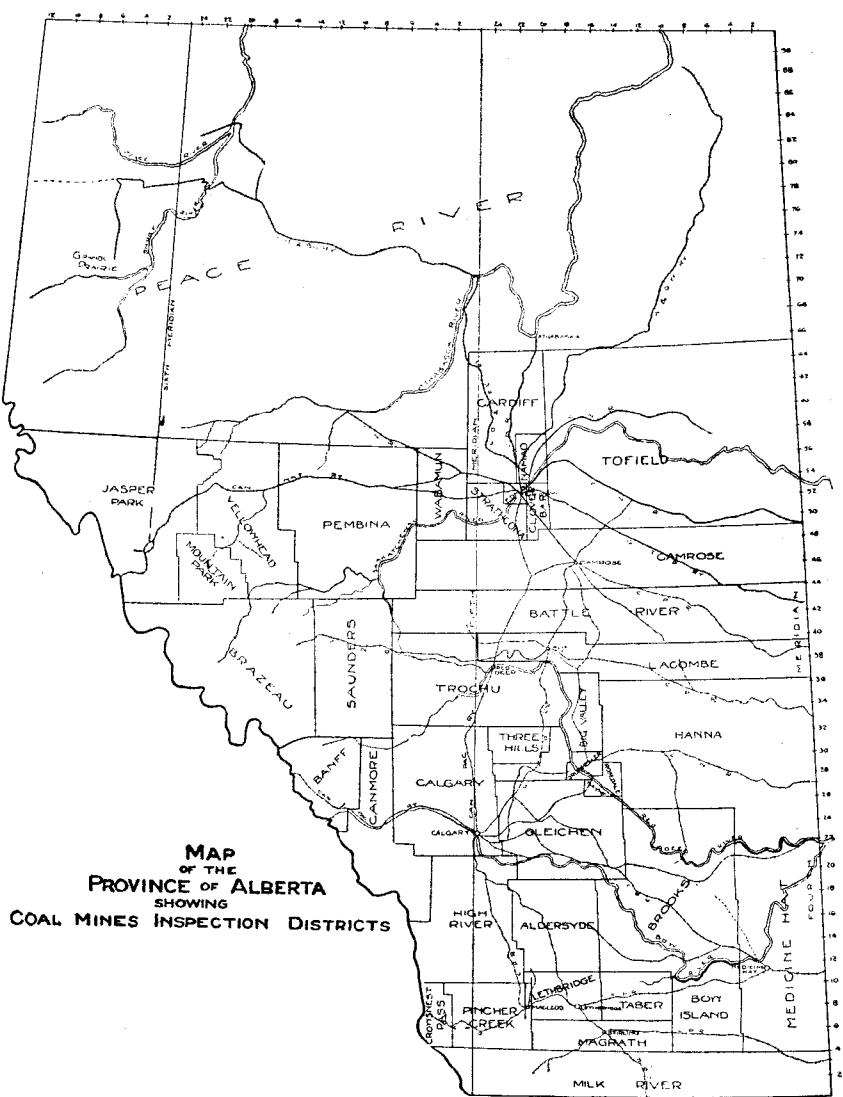
The By-Law does not at present cover the sale of coke, but due to the number of complaints the City officials have received on the quality of the coke it appears possible that the By-Law will be amended to include coke now being delivered.

It is not proposed to continue the demonstration of coals at the office. Their efficient use has become so well known that the best demonstration is to refer an engineer to the methods used by his neighbor. It is proposed to do more demonstrations at the plant of the user and to continue experimental work where conveniences are obtainable for the making of practical tests under actual working conditions.

Respectfully yours,

GEORGE R. PRATT,
Fuel Engineer,
Winnipeg, Man.

THE MINES BRANCH,
Edmonton, Alberta.



ANNUAL PRODUCTION OF COAL FROM MINES IN THE PROVINCE OF ALBERTA

The following table is taken from a report prepared by the Dominion Bureau of Statistics and published in "Coal Statistics for Canada" for the year 1923:

Calendar Year	Short Tons	Value
1886.....	43,220	\$ 81,112
1887.....	74,152	157,577
1888.....	115,124	183,354
1889.....	97,364	179,640
1890.....	128,753	198,298
1891.....	174,131	437,243
1892.....	178,970	460,605
1893.....	230,070	586,260
1894.....	184,940	473,827
1895.....	169,885	382,526
1896.....	209,162	581,832
1897.....	242,163	630,408
1898.....	315,088	787,720
1899.....	309,600	774,000
1900.....	311,450	778,625
1901.....	340,275	850,687
1902.....	402,819	960,601
1903.....	495,893	1,117,541
1904.....	661,732	1,404,524
1905.....	931,917	1,993,915
1906.....	1,246,360	2,614,762
1907.....	1,591,579	3,836,286
1908.....	1,685,661	4,127,311
1909.....	1,994,741	4,838,109
1910.....	2,894,469	7,065,736
1911.....	1,511,036	3,979,264
1912.....	3,240,577	8,113,525
1913.....	4,014,755	10,418,941
1914.....	3,683,015	9,350,392
1915.....	3,360,818	8,283,079
1916.....	4,559,054	11,386,577
1917.....	4,736,368	14,153,685
1918.....	5,972,816	20,537,287
1919.....	4,933,660	18,205,205
1920.....	6,907,765	30,186,933
1921.....	5,909,217	27,246,514
1922.....	5,990,911	24,351,913
1923.....	6,854,397	28,018,303
Total	76,703,907	\$249,734,117

NOTE:—Production quantities and values prior to 1919 refers to sales and colliery consumption. For 1919, 1920, 1921, 1922 and 1923, mine output figures are given.

ANNUAL CONSUMPTION OF COAL IN THE DOMINION OF CANADA

The following table is taken from the report issued by the Dominion Bureau of Statistics for the year 1923:

Calendar Year	Canadian		Imported		Total	Per Capita
	Short Tons	%	Short Tons	%		
1886 ..	1,595,950	45.9	1,884,161	54.1	3,480,111	0.758
1887 ..	1,848,365	45.7	2,192,260	54.3	4,040,625	0.871
1888 ..	2,013,925	37.8	3,314,353	62.2	5,328,278	1.137
1889 ..	1,992,988	44.4	2,490,931	55.6	4,483,919	0.946
1890 ..	2,360,196	47.8	2,581,187	52.2	4,941,383	1.031
1891 ..	2,606,490	46.7	2,980,222	53.3	5,586,712	1.153
1892 ..	2,464,012	44.4	3,083,429	55.6	5,546,441	1.133
1893 ..	2,823,187	47.6	3,110,462	52.4	5,933,649	1.198
1894 ..	2,743,376	48.5	2,917,818	51.5	5,661,194	1.130
1895 ..	2,467,109	45.7	2,933,752	54.3	5,400,861	1.066
1896 ..	2,639,055	45.1	3,206,456	54.9	5,845,511	1.140
1897 ..	2,799,977	47.3	3,124,485	52.7	5,924,462	1.143
1898 ..	3,023,079	48.0	3,274,981	52.0	6,298,060	1.200
1899 ..	3,631,882	47.0	4,092,361	53.0	7,724,243	1.454
1900 ..	3,989,542	47.8	4,361,563	52.2	8,351,105	1.561
1901 ..	4,912,664	50.5	4,810,213	49.5	9,722,877	1.810
1902 ..	5,376,413	51.0	5,165,938	49.0	10,542,351	1.927
1903 ..	6,005,735	52.2	5,491,870	47.8	11,507,605	2.055
1904 ..	6,697,183	49.2	6,909,651	50.8	13,606,834	2.346
1905 ..	7,032,661	48.9	7,343,880	51.1	14,376,541	2.362
1906 ..	7,927,560	51.7	7,398,906	48.3	15,326,466	2.425
1907 ..	8,617,352	45.0	10,549,503	55.0	19,166,855	2.947
1908 ..	9,156,478	47.3	10,195,424	52.7	19,351,902	2.820
1909 ..	8,913,376	47.9	9,711,826	52.1	18,625,202	2.682
1910 ..	10,532,103	50.2	10,438,123	49.8	20,970,226	2.960
1911 ..	9,822,749	40.5	14,424,949	59.5	24,247,698	3.365
1912 ..	12,385,696	46.0	14,539,104	54.0	26,934,800	3.657
1913 ..	13,450,158	42.6	18,132,387	57.4	31,582,545	4.196
1914 ..	12,214,403	45.5	14,637,920	54.5	26,852,323	3.490
1915 ..	11,500,480	48.1	12,406,212	51.9	23,906,692	3.041
1916 ..	12,348,036	41.3	17,517,820	58.7	29,865,856	3.717
1917 ..	12,313,603	37.2	20,810,132	62.8	33,123,735	4.049
1918 ..	13,160,731	37.8	21,611,101	62.2	34,771,832	4.175
1919 ..	11,849,046	41.1	16,982,773	58.9	28,831,819	3.401
1920 ..	14,388,541	40.9	20,815,596	59.1	35,204,137	4.079
1921 ..	13,070,217	41.9	18,103,620	58.1	31,173,837	3.547
1922 ..	13,338,849	48.3	14,257,424	57.7	27,596,273	3.078
1923 ..	15,336,165	40.3	22,687,320	59.7	38,023,485	4.157

The following tables are taken from a report prepared by the Dominion Bureau of Statistics and published in "Coal Statistics for Canada."

IMPORTS OF ANTHRACITE COAL INTO ONTARIO, MANITOBA, SASKATCHEWAN AND ALBERTA
BY KINDS AND GRADES AND BY PROVINCES FROM 1920 TO 1923 INCLUSIVE

Destination	1920		1921		1922		1923	
	Egg, Nut, etc.	Dust	Egg, Nut, etc.	Dust	Egg, Nut, etc.	Dust	Egg, Nut, etc.	Dust
Ontario	3,124,575	116,889	3,024,304	45,913	1,573,545	70,016	3,002,163	142,603
Manitoba	12,520	4,989	30,724	2,749	10,975	3,740	54,290	1,566
Saskatchewan	162	44	254	.....	111	120	2,125	166
Alberta	341	176	66	.....	.....	.....	.....	.....
Total	3,137,598	122,098	3,055,348	48,662	1,584,631	73,876	3,058,578	144,335

IMPORTS OF BITUMINOUS COAL INTO ONTARIO, MANITOBA, SASKATCHEWAN AND ALBERTA
BY KINDS AND GRADES AND BY PROVINCES FROM 1920 TO 1923 INCLUSIVE

Destination	1920		1921		1922		1923	
	Round and Run of Mine	Slack	Round and Run of Mine	Slack	Round and Run of Mine	Slack	Round and Run of Mine	Slack
Ontario	10,497,651	1,839,252	8,854,892	1,854,854	7,917,917	1,579,676	11,048,490	3,019,512
Manitoba	23,601	19,946	25,815	51,018	29,491	45,357	34,328	77,806
Saskatchewan	535	.....	645	1,482	385	1,099	421	1,186
Alberta	348	..... 259	797	1,032	538	609	564	546
Total	10,522,135	1,859,457	8,882,149	1,908,386	7,948,331	1,576,741	11,083,803	3,099,050

The following tables show the quantity in tons of coal entered for consumption for each year since 1919 through ports in the Provinces of Manitoba, Saskatchewan, Ontario, British Columbia and Alberta.

BITUMINOUS ROUND

Year	Central Ontario	Port Arthur	Fort Francis	Fort William	Total Ontario	Manitoba	Saskatchewan	Alberta	British Columbia	Total Canada
1919	6,152,711	466,074	48,794	968,013	7,635,592	36,390	1,140	301	6,306	9,802,067
1920	8,522,402	560,965	100,369	1,313,915	10,497,651	23,601	535	348	9,372	13,635,945
1921	6,886,398	650,150	118,370	1,199,974	8,854,892	25,815	645	797	16,926	10,978,390
1922	5,985,319	444,916	53,924	1,437,470	7,921,629	29,491	385	538	10,168	9,481,752
1923	8,972,477	556,614	76,943	1,442,456	11,048,490	34,328	421	564	11,745	13,417,322
1924	6,499,511	366,840	52,322	1,220,235	8,138,908	43,384	889	826	9,744	9,312,488

BITUMINOUS SLACK

Year	Central Ontario	Port Arthur	Fort Francis	Fort William	Total Ontario	Manitoba	Saskatchewan	Alberta	British Columbia	Total Canada
1919	1,488,971	17,917	10,459	95,780	1,613,127	26,356	266	830	394	2,208,423
1920	1,738,965	10,905	11,588	77,794	1,839,252	19,946	.....	259	3,756	2,266,687
1921	1,719,474	9,613	9,586	116,181	1,854,854	51,018	1,482	1,032	3,155	2,557,860
1922	1,438,852	103	14,158	79,780	1,532,893	45,357	1,099	609	3,798	2,081,715
1923	2,649,382	62,423	18,496	289,211	3,019,512	77,806	1,186	546	6,174	4,099,786
1924	2,264,165	36,548	17,937	280,290	2,598,940	100,225	1,533	383	15,305	3,306,594

ANTHRACITE COAL

Year	Central Ontario	Port Arthur	Fort Francis	Fort William	Total Ontario	Manitoba	Saskatche- wan	Alberta	British Columbia	Total Canada
1919.....	2,977,913	119,234	559	346,442	3,444,148	12,906	.....	66	136	4,972,283
1920.....	2,943,134	69,206	2,648	226,476	3,241,464	17,509	.....	517	75	4,912,964
1921.....	2,809,189	62,782	138	198,108	3,070,217	33,473	206	66	251	4,567,370
1922.....	1,586,924	21,507	12	36,018	1,644,461	14,715	231	.....	1,261	2,693,957
1923.....	3,061,779	28,229	429	54,329	3,144,766	55,856	2,291	.....	174	5,167,881
1924.....	2,599,568	4,775	237	84,513	2,689,093	34,222	1,720	.....	687	4,183,594

NOTE:—Besides the Anthracite and Bituminous Coal imported there was 2,331 tons of Lignite Coal imported into British Columbia from United States during 1923.

During 1924 there was 139 tons of Lignite Coal imported from United States into Saskatchewan and 25,763 tons imported from United States into British Columbia making a total of 25,902 tons of Lignite Coal imported into Canada from the United States.

The above tables have been revised on information received from the Dominion Bureau of Statistics, Ottawa.

THE MINES BRANCH

The following tables, showing quantities in tons of Coal entered for consumption for each month during the year 1924, through ports in the Provinces of Manitoba, Saskatchewan, Alberta, British Columbia and Ontario, have been compiled from information received from the Dominion Bureau of Statistics.

BITUMINOUS ROUND

Months	Central Ontario	Port Arthur	Fort Francis	Fort William	Total Ontario	Manitoba	Saskatchewan	Alberta	British Columbia	Total Manitoban, B.C. and Alberta	Total Canada
January	591,842	66	6,178	.....	598,086	5,142	.....	30	905	6,077	688,350
February	635,096	32	5,060	.....	640,188	4,305	.....	.....	404	4,709	772,536
March	725,061	32	2,226	.....	727,319	3,446	139	.....	910	4,573	912,447
April	255,522	.....	419	112,309	368,250	2,718	201	62	1,823	4,804	400,658
May	545,427	5,482	6,135	18,790	575,834	1,355	159	51	1,572	3,137	654,692
June	602,647	66,921	4,590	61,580	735,738	2,172	137	121	1,845	4,275	856,361
July	549,242	80,899	5,893	195,678	831,712	2,367	131	182	114	2,794	938,217
August	557,711	51,258	3,427	171,479	783,875	1,164	32	88	319	1,603	882,214
September	487,036	71,546	4,354	234,104	797,040	2,731	61	37	266	3,095	868,848
October	518,987	30,679	2,669	280,477	832,812	6,041	29	157	818	7,045	910,452
November	492,184	39,840	5,268	102,467	639,759	4,791	.....	20	480	5,291	742,067
December	538,756	20,085	6,103	43,351	608,295	7,152	.....	.....	288	7,440	685,646
Total	6,499,511	366,840	52,322	1,220,235	8,138,908	43,384	889	826	9,744	54,843	9,312,488

BITUMINOUS SLACK

Months	Central Ontario	Port Arthur	Fort Francis	Fort William	Total Ontario	Manitoba	Saskatche- wan	Alberta	British Columbia	Total Manitoba, Saskatche- wan, B.C. & Alberta	Total Canada
January	125,749	5,452	2,592	.....	133,793	13,833	35	.....	.....	13,868	198,178
February	170,991	.....	2,416	.....	173,407	14,755	.....	30	.....	14,785	219,939
March	199,849	.....	3,400	.....	203,249	9,458	473	115	.....	10,046	271,131
April	61,790	.....	1,130	11,260	74,180	7,501	270	41	738	8,550	104,614
May	116,991	.....	650	4,192	121,833	5,077	182	33	3,133	8,425	159,053
June	154,118	.....	492	12,919	170,616	4,233	73	63	1,707	6,076	220,237
July	188,189	3,087	888	37,430	237,035	3,708	102	66	3,150	7,026	299,284
August	230,655	4,512	583	50,321	286,071	3,918	146	.....	1,505	5,569	344,577
September	260,392	3,421	370	58,809	322,992	4,680	77	35	966	5,758	388,505
October	291,014	.....	513	73,184	364,711	9,577	70	.....	2,379	12,026	451,363
November	240,182	5,272	1,915	21,800	269,169	10,271	33	.....	852	11,156	345,612
December	224,245	4,276	2,988	10,375	241,884	13,214	72	.....	875	14,161	304,101
Total	2,264,165	36,548	17,937	280,290	2,598,940	100,225	1,533	383	15,305	117,446	3,306,594

THE MINES BRANCH

ANTHRACITE

Months	Central Ontario	Port Arthur	Fort Francis	Fort William	Total Ontario	Manitoba	Saskatchewan	Alberta	British Columbia	Total Manitoba, Saskatchewan, & Alberta	Total Canada
January	233,463	.....	5	13,801	247,269	2,980	96	.....	.....	3,076	344,036
February	221,820	.....	.....	.....	221,820	1,635	.....	.....	90	1,725	287,212
March	305,234	.....	72	.....	305,306	579	.....	.....	37	616	390,290
April	182,274	.....	.....	.....	182,274	373	.....	.....	.....	373	229,076
May	188,374	.....	.....	.....	188,374	277	.....	.....	.....	277	290,047
June	209,242	.....	.....	.....	209,242	829	113	.....	.....	942	355,803
July	219,202	.....	.....	12,123	231,325	1,014	73	.....	.....	1,087	415,434
August	178,147	.....	.....	4,060	182,207	2,287	90	.....	.....	2,377	329,377
September	188,329	4,775	50	10,639	203,793	7,679	391	.....	.....	8,070	327,949
October	245,092	.....	30	18,249	263,371	6,621	565	.....	.....	7,186	453,502
November	200,785	.....	37	11,492	212,314	5,294	177	.....	.....	5,471	361,759
December	227,606	.....	43	14,149	241,798	4,654	215	.....	560	5,429	399,109
Total	2,599,568	4,775	237	84,513	2,689,093	34,222	1,720	.....	687	36,629	4,183,594

TOTAL IMPORTATION

	Central Ontario	Port Arthur	Fort Francis	Fort William	Total Ontario	Manitoba	Saskatche- wan	Alberta	British Columbia	Total Manitoba Saskatche- wan, B.C. & Alberta	Total Canada
Bituminous Slack	2,264,165	36,548	17,937	280,290	2,598,940	100,225	1,533	383	15,305	117,446	3,306,594
Bituminous Round	6,499,511	366,840	52,322	1,220,235	8,138,908	43,384	889	826	9,744	54,843	9,312,488
Anthracite	2,599,568	4,775	237	84,513	2,689,093	34,222	1,720	.....	687	36,629	4,183,594
Total	11,363,244	408,163	70,496	1,585,038	13,426,941	177,831	4,142	1,209	25,736	208,918	16,802,676

MINERAL PRODUCTION OF ALBERTA 1923-1924

Kind	1923		1924	
	Quantity	Value	Quantity	Value
NON-METALLIC				
Coal, tons	6,854,397	\$28,018,303	5,175,226	\$19,101,209
Natural Gas, M. cu. ft.	7,191,670	1,692,246	7,100,000	1,850,000
Petroleum, bbls.	1,943	8,227	1,102	8,177
STRUCTURAL MATERIALS AND CLAY PRODUCTS				
Clay Products		590,565		539,581
Lime, bush.	87,753	37,999	83,153	36,126
*Other Products		940,196		1,195,252
Stone, tons			16,698	19,317
Total for Alberta		\$31,287,536		\$22,749,662

NOTE:—*Includes cement and sand and gravel.

Prepared in the
MINING, METALURGICAL & CHEMICAL BRANCH,
OTTAWA, ONTARIO

The following table gives particulars with reference to the Coal Mining Industry in the Province of Alberta during the year ending December 31, 1924:

SUMMARY OF STATISTICS

Number of short tons of coal produced	5,203,713
Number of short tons of briquettes produced	
Number of short tons of shale produced for making bricks	18,868
Number of coal mines in operation during the year	399
Number of shale mines in operation	3
Number of mines opened	60
Number of mines re-opened	19
Number of mines abandoned	87
Number of mines closed but not abandoned	68
Number of coal mines in operation at December 31, 1924	309
Average number of persons employed below ground	5,299
Average number of persons employed above ground	2,018
Number of separate accidents causing loss of life	17
Number of deaths caused by accidents above ground	4
Number of deaths caused by accidents below ground	17
Number of serious accidents above ground	6
Number of serious accidents below ground	36
Number of slight accidents above ground	5
Number of slight accidents below ground	35
Number of persons prosecuted under The Mines Act	43
Number of Provisional Overmens' Certificates issued in 1924	270
Number of Third Class Certificates issued during 1924	23
Number of Second Class Certificates issued during 1924	11
Number of First Class Certificates issued during 1924	4
Number of Mine Surveyor's Certificates issued during 1924	5
Total number of Third Class Certificates issued to Dec. 31, 1924	875
Total number of Second Class Certificates issued to Dec. 31, 1924	354
Total number of First Class Certificates issued to Dec. 31, 1924	208
Total number of Mine Surveyors' Certificates issued to Dec. 31, 1924 ..	174

The following tables give particulars of work done at the Shale Mines in the Province:

OUTPUT OF SHALE IN TONS OF 2000 LBS., USED FOR MAKING BRICKS, 18,868 TONS

AVERAGE NUMBER OF DAYS WORKED

District	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Total Average
Medicine Hat.....	7	14	22	17	20	22	21	24	.....	.....	127

NUMBER OF MEN EMPLOYED IN SHALE MINES

District	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Average
Medicine Hat.....	27	28	48	47	48	47	46	4	.....	.....	47

Mine timber used (lineal feet.) 5,176.

Explosives used 40% Dynamite, 3,675 lbs.

There were 400,135 bricks taken from stock during the year 1924.

Shots fired (Fuse) 3,143.
Miss-fires (Fuse).....

BRICKS SOLD FOR USE IN:

Alberta	British Columbia	Saskatchewan	Manitoba	Ontario	Total
2,657,657	644,700	2,897,150	389,000	91,628	6,700,135

In the following tables the short ton of 2,000 lbs. is used in all cases:

Year	Output in tons for N.W.T. (Alta. and Sask.)	Output in tons, Alberta
1901	346,649	.....
1902	510,674	.....
1903	622,939	.....
1904	782,931	.....
1905	811,228
1906	1,385,000
1907	1,834,745
1908	1,845,000
1909	2,174,329
1910	3,036,757
1911	1,694,564
1912	3,446,349
1913	4,306,346
1914	3,821,739
1915	3,434,891
1916	4,648,604
1917	4,863,414
1918	6,148,620
1919	5,022,412
1920	6,908,923
1921	5,937,195
1922	5,976,432
1923	6,866,923
1924	5,203,713

THE MINES BRANCH

CLASSIFICATION OF OUTPUTS DURING THE YEARS 1901 TO 1924 INCLUSIVE

Year	Domestic	Domestic and Sub-Bituminous	Bituminous	Anthracite	Coal used in Coke Production	Briquettes	Coke
*1901	.....	331,907	.....	14,742	.....	.....	.....
*1902	.....	494,087	.....	16,587	.....	.....	.....
*1903	.....	617,754	.....	5,185	.....	.....	.....
*1904	.....	759,568	.....	23,363	.....	.....	.....
*1905	.....	972,686	.....	43,653	71,292	.....	46,640
1906	602,780	.....	546,623	235,597	103,930	.....	69,844
1907	639,335	.....	939,295	256,115	112,887	49,585	73,782
1908	584,334	.....	1,011,571	249,095	128,397	36,261	75,657
1909	763,673	.....	1,197,399	213,257	148,104	89,785	87,812
1910	878,011	.....	1,896,961	261,785	196,249	108,996	121,578
1911	964,700	.....	649,745	80,119	61,591	48,200	35,984
1912	1,341,389	.....	1,926,371	178,589	170,818	90,000	105,684
1913	1,763,225	.....	2,374,401	168,720	104,012	130,861	65,167
1914	1,697,401	.....	1,953,367	170,971	38,249	109,082	29,058
1915	1,682,922	.....	1,626,237	125,732	38,878	83,180	23,826
1916	2,172,801	.....	2,335,259	140,544	67,105	107,959	41,950
1917	2,537,829	.....	2,206,868	118,717	51,905	93,818	31,630
1918	3,035,061	.....	2,982,334	131,225	53,462	100,470	32,858
1919	2,611,009	.....	2,325,787	85,616	.....	70,033	.....
1920	3,359,309	.....	3,419,021	130,594	.....	101,693	.....
1921	2,943,141	.....	2,897,380	96,674	.....	62,466	.....
1922	3,086,669	635,673	2,214,273	40,417	.....	33,663	.....
1923	3,161,741	463,461	3,241,614	107	.....	39,638	.....
1924	3,096,660	591,946	1,515,107	.....	.....	.....	.....

*Includes outputs from Alberta and Saskatchewan.

During the year 1909 a strike affecting all the larger mines in the Province lasted for a period of three months.

During the year 1911 a strike affecting all the larger mines in the Province lasted for a period of eight months.

During the year 1917 a strike affecting all the larger mines in the Province lasted for a period of three months.

During the year 1919 a strike affecting all the larger mines in the Province lasted for a period of three months.

During the year 1922 a strike affecting all the larger mines in the Province lasted for a period of five months.

During the year 1924 a strike affecting all the larger mines in the Province lasted for a period of six and a half months.

NOTE:—Previous to 1922 Sub-Bituminous was included in Bituminous Coal.

The following table shows the outputs of the different Districts for the years 1923 and 1924:

Districts	1923				1924		
	Domestic	Sub-Bituminous	Bituminous	Anthracite	Domestic	Sub-Bituminous	Bituminous
Crow's Nest Pass	.....	.....	1,600,656	.....	.....	.....	912,664
Pincher Creek	.....	9,444	.....	.....	.....	12,680	.....
Lethbridge	654,215	.....	.....	.....	406,585	.....	.....
Magrath	2,863	.....	.....	.....	2,514	.....	.....
Milk River	6,031	.....	.....	.....	7,261	.....	.....
Taber	27,772	.....	.....	.....	90,644	.....	.....
Bow Island	6,331	.....	.....	.....	4,556	.....	.....
Medicine Hat	22,918	.....	.....	.....	50,203	.....	.....
Aldersyde	9,321	.....	.....	.....	9,933	.....	.....
High River	.....	2,288	.....	.....	.....	3,717	.....
Calgary	.....	860	.....	.....	.....	953	.....
Canmore	.....	.....	264,447	.....	.....	.....	134,827
Banff	.....	.....	.....	107	.....	.....	.....
Gleichen	10,465	.....	.....	.....	9,123	.....	.....
Drumheller	821,465	.....	.....	.....	669,523	.....	.....
Rosedale	159,250	.....	.....	.....	127,748	.....	.....
Wayne	256,653	.....	.....	.....	311,956	.....	.....
Big Valley	47,795	.....	.....	.....	55,654	.....	.....
Saunders	.....	73,295	.....	.....	.....	68,546	.....
Brazeau	.....	.....	493,378	.....	.....	.....	174,772
Brooks	8,316	.....	.....	.....	8,088	.....	.....
Hanna	29,563	.....	.....	.....	42,438	.....	.....
Lacombe	11,706	.....	.....	.....	13,726	.....	.....
Trochu	15,490	.....	.....	.....	16,720	.....	.....
Three Hills	40,606	.....	.....	.....	69,569	.....	.....
Carbon	50,999	.....	.....	.....	108,145	.....	.....
Battle River	17,403	.....	.....	.....	17,285	.....	.....
Camrose	72,656	.....	.....	.....	90,905	.....	.....
Tofield	104,886	.....	.....	.....	110,551	.....	.....
Clover Bar	395,371	.....	.....	.....	400,874	.....	.....
Edmonton	130,112	.....	.....	.....	138,915	.....	.....
Srathcona	5,361	.....	.....	.....	7,289	.....	.....
Namoo	13,264	.....	.....	.....	19,268	.....	.....
Cardiff	72,139	.....	.....	.....	108,939	.....	.....
Wabamun	56,634	.....	.....	.....	80,491	.....	.....
Pembina	111,505	.....	.....	.....	116,801	.....	.....
Jasper Park	.....	.....	248,659	.....	.....	.....	6,547
Yellowhead	.....	377,574	.....	.....	.....	506,050	.....
Mountain Park	.....	.....	634,474	.....	.....	.....	286,297
Peace River	.....	.....	.....	.....	.....	.....	.....
Total	3,161,741	463,461	3,241,614	107	3,096,660	591,946	1,515,107

THE MINES BRANCH

The following table shows how the total output of COAL and BRIQUETTES was disposed of during 1924:

	Sold for consumption in:						Total Sales	Used under Colliery Boilers	Used by Colliery R.R.	Put to Stock	Put to Waste	Lifted from Stock	Lifted from Waste	Total output for year including, put to stock and waste, but not lifted from stock or waste.
	Alberta	British Columbia	Saskatchewan	Manitoba	Ontario	United States								
Domestic	1,286,994	76,295	1,084,400	413,149	15,957	12,302	2,919,097	128,549	516	24,598	37,753	13,193	660	3,096,660
Sub-Bituminous	73,362	11,599	54,639	61,805	558	63	332,575	12,384	3,193	18,519	24,830	1,581	.....	591,946
Bituminous	70,937	26,292	50,749	5,453	10	26,777	1,461,217	54,465	909	26,987	1,976	30,447	.....	1,515,107
Anthracite	34	.....	.....	.....	.....	.....	34	22	.....	.....	.....	56	.....	.....
Total	1,431,327	114,186	1,189,788	510,407	16,525	39,142	4,914,949	195,420	4,618	70,104	64,559	45,277	660	5,203,713
Briquettes	12	.....	.....	.....	.....	.....	12	.....	.....	.....	.....	12	.....	.....

The following table shows how the total output of COAL and BRIQUETTES was disposed of during 1923:

	Sold for consumption in:						Sold to Railroad Companies	Total Sales	Used under Colliery Boilers	Used by Colliery Railroads	Used Making Briquettes	Put to Stock	Put to Waste	Lifted from Stock	Lifted from Waste	Total output for year including, put to stock and waste, but not lifted from stock or waste.
	Alberta	British Columbia	Saskatchewan	Manitoba	Ontario	United States										
Domestic	1,222,848	70,631	1,124,948	483,183	50,775	21,181	.....	2,973,566	159,736	1,766	.....	22,519	34,373	20,789	9,430	3,161,741
Sub-Bituminous	54,825	14,351	28,541	60,431	1,559	122	249,193	409,022	12,596	2,683	.....	5,376	35,453	1,532	137	463,461
Bituminous	105,113	23,344	69,965	10,025	.....	62,254	2,860,928	3,131,629	93,192	3,693	410	26,167	4,709	12,821	5,365	3,241,614
Anthracite	2	.....	.....	.....	.....	.....	.....	2	317	.....	36,952	.....	.....	37,164	.....	107
Total	1,382,788	108,326	1,223,454	553,639	52,334	83,557	3,110,121	6,514,219	265,841	8,142	37,362	54,062	74,535	72,306	14,932	6,866,923
Briquettes	482	.....	.....	.....	.....	.....	39,032	39,514	306	.....	.....	114	.....	296	.....	39,638

There was no Anthracite Coal produced during the year 1924, all coal used or sold was taken from Stock.

THE MINES BRANCH

The following table indicates how the total output of DOMESTIC Coal from the Province was disposed of:

Name of District	Sold for Consumption in:					Total Sales	Used under Colliery Boilers	Used by Colliery Railroads	Put to Stock	Put to Waste	Lifted from Stock	Lifted from Waste	Total output for year, including put to stock and waste, but not lifted from stock or waste.
	Alberta	British Columbia	Saskatchewan	Manitoba	Ontario	United States							
Lethbridge	108,958	21,027	193,542	24,219	1,450	5,312	34,862	466	14,783	11,490	9,524	...	406,585
Magrath	2,514	...	...	...	...	...	2,514	...	...	...	...	...	2,514
Milk River	7,198	...	...	...	...	...	7,198	...	60	43	40	...	7,261
Taber	20,696	4,911	37,998	8,412	631	1,744	12,005	50	4,070	246	119	...	90,644
Bow Island	4,206	...	93	...	...	...	4,295	...	...	257	...	...	4,556
Medicine Hat	18,765	3,723	23,972	1,985	...	1,115	49,560	...	...	643	...	...	50,203
Aldersyde	9,655	...	...	...	...	...	9,655	...	...	278	...	...	9,933
Gleichen	8,656	60	...	...	...	...	8,716	...	...	243	...	...	9,123
Drumheller	160,734	14,985	305,955	163,639	4,523	3,377	653,213	...	260	2,236	...	...	669,523
Rosedale	30,429	425	66,940	28,279	471	...	126,544	...	...	...	...	...	127,748
Wayne	58,178	3,434	173,442	61,021	1,900	130	298,105	...	1,830	4,081	162	438	311,956
Big Valley	22,027	...	24,609	6,421	...	...	53,057	...	...	1,253	...	...	55,654
Brooks	8,065	...	...	...	...	...	8,065	...	...	...	...	...	8,068
Hanna	25,141	99	9,561	3,895	...	...	38,690	...	...	1,302	...	...	42,438
Lacombe	12,551	42	572	...	...	...	13,165	...	45	512	...	...	13,726
Trochu	9,773	644	1,294	3,029	156	...	14,896	...	130	798	...	...	16,720
Three Hills	46,180	1,257	3,908	13,506	...	...	64,851	...	...	...	...	...	69,569
Carbon	49,682	1,155	30,771	22,687	681	...	104,976	...	162	281	162	107	108,145
Battle River	16,076	...	95	486	...	...	16,657	...	10	628	10	...	17,285
Camrose	58,632	...	23,469	3,774	32	...	85,907	...	...	3,383	...	115	90,905
Tofield	23,403	73	57,984	27,649	33	...	109,142	...	...	37	...	...	110,551
Clover Bar	282,216	477	64,083	28,403	3,390	527	379,102	...	...	125	...	...	400,874
Edmonton	131,315	114	3,985	1,209	192	...	136,815	...	...	...	...	...	138,915
Strathcona	6,591	...	...	...	...	...	6,591	...	...	688	...	...	7,289
Namoo	16,238	...	1,260	944	33	...	18,475	...	...	261	...	...	19,268
Cardiff	85,354	...	12,625	7,502	73	...	105,554	...	...	...	...	...	108,939
Wabamun	32,618	4,637	27,892	8,620	1,182	32	74,981	...	...	2,904	...	...	80,491
Pembina	30,224	19,232	20,350	27,469	1,204	65	98,544	...	3,248	6,024	3,176	...	116,801
Peace River	916	...	...	...	...	...	916	...	...	40	...	...	956
Total	1,286,994	76,295	1,084,400	443,149	15,957	12,302	2,919,097	516	24,598	37,753	13,193	660	3,096,660

The following table indicates how the total output of SUB-BITUMINOUS Coal from the Province was disposed of:

DISTRICTS	Sold for consumption in:						Sold to Railroad Companies	Total Sales	Used under Colliery Boilers	Used by Colliery Railroads	Put to Stock	Put to Waste	Lifted from Stock	Total output for year including, put to stock and waste, but lifted from stock.
	Alberta	British Columbia	Saskatchewan	Manitoba	Ontario	United States								
Pincher Creek	11,311	461	827	.....	.....	.....	.....	12,599	21	.....	20	40	.....	12,680
High River	3,046	.....	.....	.....	.....	.....	.....	3,046	66	.....	.....	605	.....	3,717
Calgary	760	.....	.....	.....	.....	.....	.....	760	71	.....	.....	122	.....	953
Saunders	22,554	1,792	22,158	17,238	279	.....	.....	64,021	4,502	.....	855	.....	832	68,546
Yellowhead	35,691	9,346	31,654	44,567	279	63	332,575	454,175	7,724	3,193	17,644	24,063	749	506,050
Total	73,362	11,599	54,639	61,805	558	63	332,575	534,601	12,384	3,193	18,519	24,830	1,581	591,946

THE MINES BRANCH

The following table indicates how the total output of BITUMINOUS Coal from the Province was disposed of:

DISTRICTS	Sold for consumption in:						Sold to Railroad Companies	Total Sales	Used under Colliery Boilers	Used by Colliery Railroads	Put to Stock	Put to Waste	Lifted from Stock	Total output for year, including put to stock and waste, but not lifted from stock.
	Alberta	British Columbia	Saskatchewan	Manitoba	Ontario	United States								
Crow's Nest Pass	58,979	19,620	45,656	3,177	.....	26,754	730,573	884,759	24,421	322	12,803	1,976	11,617	912,664
Canmore	6,801	405	995	756	10	.....	112,172	121,130	12,374	297	2,915	.....	1,898	134,827
Brazeau	1,585	.....	.....	.....	.....	.....	169,711	171,296	3,477	.....	650	.....	651	174,772
Jasper Park	371	76	.....	.....	.....	23	53	523	5,734	290	.....	.....	.....	6,547
Mountain Park	3,201	6,191	4,098	1,520	.....	.....	268,490	283,500	8,459	.....	10,619	.....	16,281	286,297
Total	70,937	26,292	50,749	5,453	10	26,777	1,280,999	1,461,217	54,465	909	26,987	1,976	30,447	1,515,107

The following table indicates how the total output of COAL from the Province was disposed of by months during 1924:

Months	Sold for consumption in:						Sold to Railroad Companies	Total Sales	Used under Colliery Boilers	Used by Colliery Railroads	Put to Stock	Put to Waste	Lifted from Stock	Lifted from Waste	Total output for year, including put to stock and waste, but not lifted from stock or waste.
	Alberta	British Columbia	Saskatchewan	Manitoba	Ontario	United States									
January	207,074	17,702	164,559	108,281	3,753	6,978	369,037	877,384	27,984	603	8,615	5,824	1,050	...	919,360
February	116,573	10,530	71,983	46,162	1,203	6,045	353,366	605,862	21,955	486	12,387	2,519	3,238	183	639,788
March	120,203	13,825	82,760	14,138	495	8,147	426,966	666,534	22,007	544	8,742	2,020	17,788	126	681,933
April	68,562	1,498	13,110	4,515	764	165	57,111	145,725	9,322	470	4,817	1,170	4,838	244	156,422
May	53,324	2,378	20,328	5,631	1,518	95	25,696	108,970	8,657	280	295	4,767	2,563	...	120,406
June	50,825	3,348	20,547	5,364	1,196	...	5,582	86,862	8,739	40	5,815	1,060	1,595	...	100,921
July	48,824	2,215	19,825	4,821	679	154	3,643	80,161	6,591	45	2,174	1,924	600	107	90,188
August	57,455	6,775	42,133	9,706	1,030	1,096	5,463	123,658	9,636	79	1,868	3,209	710	...	137,740
September	113,692	6,966	81,558	30,281	393	810	13,511	247,211	13,769	253	1,227	6,652	1,138	...	267,974
October	154,909	11,187	160,260	61,271	1,054	2,720	51,220	442,621	16,571	330	8,905	7,953	1,228	...	475,152
November	214,545	17,580	283,823	100,629	2,250	7,704	123,653	750,184	23,682	721	4,865	14,456	4,516	...	789,392
December	225,341	20,182	228,902	119,608	2,190	5,228	178,326	779,777	26,507	767	10,394	13,005	6,013	...	824,437
Total	1,431,327	114,186	1,189,788	510,407	16,525	39,142	1,613,574	4,914,949	195,420	4,618	70,104	64,559	45,277	660	5,203,713
Percentage of Total Sales	29.12	2.32	24.21	10.38	0.34	0.80	32.83								

THE MINES BRANCH

The following table indicates how the total output of DOMESTIC Coal from the Province was disposed of by months during the year 1924:

Months	Sold for consumption in					Total Sales	Used under Colliery Boilers	Used by Colliery Railroads	Put to Stock	Put to Waste	Lifted from Stock	Lifted from Waste	Total output for year, including put to stock and waste, but not lifted from stock or waste.
	Alberta	British Columbia	Saskatchewan	Manitoba	Ontario	United States							
January	185,762	12,795	150,330	94,200	3,533	2,469	17,013	95	4,059	4,279	808	.....	473,727
February	102,120	4,573	64,941	39,157	1,203	604	12,436	23	1,743	2,014	3,017	183	225,614
March	102,319	6,931	69,309	12,952	495	96	11,699	39	1,105	1,566	1,862	126	204,523
April	65,965	1,042	11,408	4,064	764	63	6,846	.....	158	1,170	1,872	244	89,364
May	49,910	1,748	17,833	4,829	1,518	95	6,387	.....	110	731	1,378	.....	81,783
June	45,646	2,476	18,847	4,327	1,196	.....	6,600	.....	409	764	110	.....	80,155
July	45,694	1,014	17,231	3,467	679	154	6,621	.....	593	552	379	107	73,519
August	49,732	5,046	36,123	7,474	1,030	870	7,675	24	616	1,211	603	.....	109,198
September	94,447	5,400	72,188	23,730	359	759	9,167	25	1,014	2,417	1,001	.....	208,505
October	139,539	8,433	143,612	52,341	959	1,349	11,586	25	1,506	4,743	430	.....	363,663
November	199,303	12,870	267,147	89,614	2,091	3,139	16,349	125	4,013	9,988	1,002	.....	603,637
December	206,557	13,967	215,431	106,994	2,130	2,704	18,170	160	9,272	8,318	731	.....	582,972
Total	1,286,994	76,295	1,084,400	443,149	15,957	12,302	128,549	516	24,598	37,753	13,193	660	3,096,660
Percentage of Total Sales	44.10	2.61	37.15	15.18	0.54	0.42							

The following table indicates how the total output of SUB-BITUMINOUS Coal from the Province was disposed of by months during the year 1924:

Months	Sold for consumption in:						Sold to Railroad Companies	Total Sales	Used under Colliery Boilers	Used by Colliery Railroads	Put to Stock	Put to Waste	Lifted from Stock	Lifted from Waste	Total output for year, including put to stock and waste, but not lifted from stock or waste.
	Alberta	British Columbia	Saskatchewan	Manitoba	Ontario	United States									
January	7,532	1,907	4,780	12,021	220	63	38,960	65,483	1,370	340	1,571	1,105	70	...	69,799
February	4,347	1,173	1,808	6,511	...	...	57,671	71,510	1,083	345	5,430	100	58	...	78,410
March	3,000	818	1,440	247	...	...	50,182	55,687	1,113	339	5,591	10	391	...	62,349
April	1,958	301	648	451	...	...	53,766	57,124	770	450	4,659	...	88	...	62,915
May	3,020	369	1,601	802	...	...	25,417	31,209	419	250	10	4,036	67	...	35,857
June	4,086	351	1,324	1,037	...	...	4,763	11,561	419	30	36	296	10	...	12,332
July	3,064	469	2,594	1,354	...	...	3,284	10,765	382	25	45	1,372	36	...	12,553
August	4,727	800	4,173	2,199	...	...	5,463	17,362	558	25	187	1,998	45	...	20,085
September	17,211	843	8,556	6,518	34	...	13,511	46,673	1,285	218	213	4,235	137	...	52,487
October	9,935	1,597	11,843	8,822	95	...	14,009	46,301	1,542	235	319	3,051	163	...	51,285
November	6,762	1,677	8,842	10,291	159	...	27,871	55,602	1,680	470	202	4,203	219	...	61,938
December	7,720	1,294	7,030	11,552	50	...	37,678	65,324	1,763	466	256	4,424	297	...	71,936
Total	73,362	11,599	54,639	61,805	558	63	332,575	534,601	12,384	3,193	18,519	24,830	1,581	...	591,946
Percentage of Total Sales	13.70	2.20	10.22	11.56	0.10	0.01	62.21								

THE MINES BRANCH

The following table indicates how the total output of BITUMINOUS Coal from the Province was disposed of by months during the year 1924:

Months	Sold for consumption in:						Sold to Railroad Companies	Total Sales	Used under Colliery Boilers	Used by Colliery Railroads	Put to Stock	Put to Waste	Lifted from Stock	Lifted from Waste	Total output for year, including put to stock and waste, but not lifted from stock or waste.
	Alberta	British Columbia	Saskatchewan	Manitoba	Ontario	United States									
January	13,765	3,000	9,449	2,060	.....	4,446	330,077	362,797	9,583	168	2,985	440	139	.....	375,834
February	10,087	4,784	5,234	494	.....	5,441	295,695	321,735	8,432	118	5,214	405	140	.....	335,764
March	14,884	6,076	12,011	939	.....	8,051	376,784	418,745	9,195	166	2,046	444	15,335	.....	415,061
April	639	155	1,054	.....	.....	102	3,345	5,295	1,706	20	.....	.....	2,378	.....	4,143
May	394	261	894	.....	.....	.....	279	1,828	1,851	30	175	.....	1,118	.....	2,766
June	1,093	521	376	.....	.....	.....	819	2,809	1,720	10	5,370	.....	1,475	.....	8,434
July	66	732	.....	.....	.....	.....	359	1,157	1,588	20	1,536	.....	185	.....	4,116
August	2,996	929	1,837	33	.....	226	.....	6,021	1,403	30	1,065	.....	62	.....	8,457
September	2,034	723	814	33	.....	51	.....	3,655	3,317	10	.....	.....	.....	.....	6,982
October	5,435	1,157	4,805	108	.....	1,371	37,211	50,087	3,443	70	7,080	159	635	.....	60,204
November	8,480	3,033	7,834	724	.....	4,565	95,782	120,418	5,653	126	650	265	3,295	.....	123,817
December	11,064	4,921	6,441	1,062	10	2,524	140,648	166,670	6,574	141	866	263	4,985	.....	169,549
Total	70,937	26,292	50,749	5,453	10	26,777	1,280,999	1,461,217	54,465	909	26,987	1,976	30,447	.....	1,515,107
Percentage of Total Sales	4.85	1.80	3.47	0.37	.00006	1.83	87.67								

The following table shows the total amount of COAL sold during the years 1915 to 1924 inclusive for consumption in:

Year	Alberta	British Columbia	Saskatchewan	Manitoba	Ontario	Quebec	United States	By Railroads	Total
1915.....	2,129,120	54,860	695,898	64,816	.....	.....	25,047	.....	2,967,751
1916.....	2,866,670	86,413	1,007,765	97,265	.....	.....	61,092	.....	4,119,205
1917.....	2,813,413	76,397	1,139,771	249,872	.....	.....	93,081	.....	4,372,534
1918.....	3,440,154	101,189	1,372,439	511,168	629	.....	133,276	.....	5,558,855
1919.....	2,991,110	95,461	1,115,329	314,290	308	.....	121,212	.....	4,637,710
1920.....	1,647,202	128,850	1,310,146	600,962	13,911	30	153,610	2,516,555	6,371,266
1921.....	1,415,861	116,089	1,294,441	495,388	9,898	.....	133,823	2,023,204	5,488,704
1922.....	1,443,942	107,920	1,371,249	520,518	21,573	102	105,514	2,076,291	5,647,109
1923.....	1,382,788	108,326	1,223,454	553,639	52,334	.....	83,557	3,110,121	6,514,219
1924.....	1,431,327	114,186	1,189,788	510,407	16,525	.....	39,142	1,613,574	4,914,949

NOTE:—Previous to 1920 Railroad Coal was included in Sales in Alberta.

THE MINES BRANCH

The following table shows the amount of Coal produced by years from 1918 to 1924 inclusive:

DOMESTIC COAL FIELD

Districts	1918	1919	1920	1921	1922	1923	1924
Lethbridge	857,092	597,540	850,662	776,667	565,926	654,215	406,585
Magrath	1,627	1,816	1,827	2,539	3,137	2,863	2,514
Milk River	6,848	6,463	6,230	6,544	9,206	6,031	7,261
Taber	183,485	108,210	133,627	43,203	63,867	27,772	90,644
Bow Island	7,283	7,334	6,456	4,801	6,473	6,331	4,556
Medicine Hat	19,028	22,546	14,816	16,808	32,871	22,918	50,203
Aldersyde	8,069	8,091	8,339	9,127	12,089	9,321	9,933
Gleichen .....	.....	.....	.....	.....	.....	10,465	9,123
Drumheller	881,081	804,930	1,210,687	992,456	1,170,936	821,465	669,523
Rosedale .....	.....	.....	.....	.....	.....	159,250	127,748
Wayne .....	.....	.....	.....	.....	.....	256,653	311,956
Big Valley	34,718	34,334	52,349	57,479	37,215	47,795	55,654
Brooks	9,783	8,072	13,856	14,781	15,610	8,316	8,088
Hanna	29,533	25,792	29,643	33,099	42,573	29,563	42,438
Lacombe	15,201	15,675	14,515	14,878	17,138	11,706	13,726
Trochu	18,248	24,198	20,218	20,346	21,305	15,490	16,720
Three Hills	30,150	26,192	32,327	31,394	44,610	40,606	69,569
Carbon	5,431	4,335	8,564	12,960	39,757	50,999	108,145
Battle River	12,203	13,705	13,509	19,660	23,393	17,403	17,285
Camrose	56,597	86,582	72,567	68,621	76,038	72,656	90,905
Tohfeld	66,054	94,549	53,226	50,469	86,909	104,886	110,551
Clover Bar	264,868	295,154	343,396	363,077	435,284	395,371	400,874
Edmonton	106,756	91,596	97,133	87,396	112,102	130,112	138,915
Strathcona .....	.....	.....	.....	.....	.....	5,361	7,289
Namoo	21,660	10,501	16,807	7,859	8,262	13,264	19,268
Cardiff	266,142	176,021	175,102	135,491	108,780	72,139	108,939
Wabamun	19,250	32,174	29,751	27,323	40,523	56,634	80,491
Pembina	109,429	109,905	146,810	136,242	112,718	111,505	116,801
Peace River .....	.....	.....	.....	.....	.....	651	956
Total	3,030,536	2,605,715	3,352,417	2,933,220	3,086,692	3,161,741	3,096,660

NOTE:—Previous to the year 1923 the output of Rosedale and Wayne was included in the output for Drumheller, that of Strathcona with Edmonton and for Gleichen with Brooks.

The following table shows the amount of coal produced by years from 1918 to 1924 inclusive:

SUB-BITUMINOUS COAL FIELD

Districts	1918	1919	1920	1921	1922	1923	1924
Pincher Creek	3,955	4,845	5,575	8,100	10,850	9,444	12,680
High River	570	449	1,834	1,821	2,508	2,288	3,717
Calgary .....	.....	.....	.....	.....	217	860	953
Saunders .....	.....	.....	.....	.....	74,434	73,295	68,546
Yellowhead	195,972	209,043	437,093	301,568	547,064	377,574	506,050
Total	200,497	214,337	444,502	311,489	635,073	463,461	591,946

NOTE:—Previous to 1922 the Output from Calgary was included in High River, and for Saunders with Brazeau.

The following table shows the amount of coal produced by years from 1918 to 1924 inclusive:

BITUMINOUS COAL FIELD							
Districts	1918	1919	1920	1921	1922	1923	1924
Crow's Nest Pass	1,601,486	1,187,966	1,775,529	1,272,181	1,026,581	1,600,656	912,664
Canmore	274,709	201,891	275,511	206,267	169,448	264,447	134,827
Brazeau	371,562	368,990	453,875	479,735	321,470	493,378	174,772
Jasper Park	283,342	143,521	235,584	258,091	339,076	248,659	6,547
Mountain Park	255,263	274,376	241,429	379,538	357,698	634,474	286,297
Total	2,786,362	2,116,412	2,981,928	2,595,812	2,214,273	3,241,614	1,515,107

The following table shows the amount of Coal produced by years from 1918 to 1924 inclusive:

ANTHRACITE COAL FIELD							
District	1918	1919	1920	1921	1922	1923	1924
Banff	131,225	85,616	130,594	96,674	40,417	107	.....
Total	131,225	85,616	130,594	96,674	40,417	107	.....

The following table shows the total production of each class of Coal by months during 1924:

Months	Domestic	Sub-Bituminous	Bituminous	Total Output
January	473,727	69,799	375,834	919,360
February	225,614	78,410	335,764	639,788
March	204,523	62,349	415,061	681,933
April	89,364	62,915	4,143	156,422
May	81,783	35,857	2,766	120,406
June	80,155	12,332	8,434	100,921
July	73,519	12,553	4,116	90,188
August	109,198	20,085	8,457	137,740
September	208,505	52,487	6,982	267,974
October	363,663	51,285	60,204	475,152
November	603,637	61,938	423,817	789,392
December	582,972	71,936	169,529	824,437
Total	3,096,660	591,946	1,515,107	5,203,713

THE MINES BRANCH

The following table shows the total output of DOMESTIC Coal, by Districts during each month.

Districts	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Total
Lethbridge...	70,772	36,215	40,089	2,231	2,014	3,732	3,403	16,470	20,700	35,616	84,503	90,840	406,585
Magrath...	304	187	139	135	60	47	130	231	244	448	382	207	2,514
Milk River...	718	577	582	272	243	333	353	293	565	1,457	1,178	690	7,261
Taber...	4,749	1,724	1,691	1,840	4,954	6,011	4,882	7,141	11,295	13,040	16,032	17,285	90,644
Bow Island...	394	307	273	139	86	207	112	186	373	1,187	840	452	4,556
Medicine Hat...	2,611	698	677	1,108	1,634	3,413	3,994	5,006	7,163	2,965	16,715	4,219	50,203
Aldersyde...	846	542	571	412	372	467	533	800	918	1,816	1,565	1,091	9,933
Gleichen...	701	701	855	882	272	382	218	330	518	1,020	1,177	1,570	9,123
Drumheller...	142,340	56,481	43,802	4,273	2,271	5,228	5,176	7,817	13,363	60,838	163,824	164,110	669,523
Rosedale...	31,051	11,163	8,043	58	616	400	652	817	2,572	9,000	33,248	30,744	127,748
Wayne...	42,986	14,626	14,433	.....	404	3,367	4,182	10,964	30,312	45,119	69,347	75,600	311,956
Big Valley...	8,177	3,210	4,457	2,434	5,434	1,364	337	574	4,631	8,585	9,287	7,164	55,654
Brooks...	942	692	437	279	226	226	586	437	603	1,289	1,311	1,060	8,088
Hanna...	2,365	2,178	1,802	1,469	1,064	862	852	1,243	3,193	9,377	12,113	5,920	42,438
Lacombe...	1,922	1,429	740	1,199	200	183	149	227	723	1,501	2,958	2,495	13,726
Trochu...	3,012	2,905	479	389	332	219	33	219	1,461	2,111	2,383	3,177	16,720
Three Hills...	8,393	6,055	5,413	6,195	5,556	4,048	1,408	2,134	5,721	8,875	8,246	7,525	69,569
Carbon...	10,277	9,326	6,474	425	1,944	6,006	1,613	10,104	12,612	15,722	17,595	16,047	108,145
Battle River...	2,876	2,118	1,260	280	50	117	125	346	745	1,611	3,497	4,260	17,285
Camrose...	11,632	6,518	4,770	3,397	1,912	2,055	2,241	3,081	7,393	11,959	18,985	16,962	90,905
Tofield...	15,774	9,183	7,891	4,564	3,114	3,110	2,639	2,856	5,686	16,608	21,590	17,536	110,551
Clover Bar...	53,652	29,159	26,513	22,735	19,275	17,189	18,470	10,639	37,215	56,310	55,380	54,337	400,874
Edmonton...	22,369	12,285	11,702	10,246	5,332	3,391	2,767	5,845	9,414	15,059	18,328	22,177	138,915
Strathcona...	2,042	1,021	427	173	60	46	.....	.....	71	286	1,351	1,812	7,289
Namoo...	2,757	1,496	934	572	374	254	468	1,231	2,068	2,928	2,931	3,255	19,268
Cardiff...	10,215	5,298	8,186	8,934	8,270	4,088	4,553	6,934	10,037	14,435	16,403	11,586	108,939
Wabamun...	6,469	3,017	5,778	6,481	7,493	6,490	7,336	7,244	6,872	8,962	7,375	6,974	80,491
Pembina...	12,579	6,369	5,879	7,866	8,567	6,920	6,307	6,029	12,037	15,539	14,949	13,760	116,801
Peace River...	305	134	226	30	.....	.....	.....	.....	.....	.....	144	117	956
Total	473,727	225,614	204,523	89,364	81,783	80,155	73,519	109,198	208,505	363,663	603,637	582,972	3,096,660

The following table shows the total output of SUB-BITUMINOUS Coal by Districts during each month:

Districts	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Total
Pincher Creek	1,135	440	513	420	474	717	1,620	394	2,742	1,846	1,243	1,136	12,680
High River...	544	419	284	179	156	33	328	121	446	159	545	503	3,717
Calgary	.....	.....	28	.....	.....	.....	.....	.....	63	217	325	320	953
Saunders	12,166	6,312	1,576	.....	19	485	1,135	3,382	9,095	10,614	12,033	11,729	68,546
Yellowhead ..	55,954	71,239	59,948	62,316	35,208	11,097	9,470	16,188	40,141	38,449	47,792	58,248	506,050
Total	69,799	78,410	62,349	62,915	35,857	12,332	12,553	20,085	52,487	51,285	61,938	71,936	591,946

THE MINES BRANCH

The following table shows the total output of BITUMINOUS Coal by Districts during each month:

Districts	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Total
Crow's Nest P.	227,332	185,812	213,325	2,832	1,123	1,282	3	5,349	5,633	47,817	102,151	120,005	912,664
Canmore	26,045	26,556	26,838	821	824	817	820	662	921	11,720	17,543	21,260	134,827
Brazeau	45,402	50,896	72,691	.....	.....	.....	.....	.....	.....	.....	151	5,632	174,772
Jasper Park . .	831	443	637	490	639	499	368	463	305	667	684	521	6,547
Mountain Park	76,224	72,057	101,570	.....	180	5,836	2,925	1,983	123	.....	3,288	22,111	286,297
Total	375,834	335,764	415,061	4,143	2,766	8,434	4,116	8,457	6,982	60,204	123,817	169,529	1,515,107

The following table shows the total output of COAL during the year:

Districts	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Total
Coal	919,360	639,788	681,933	156,422	120,406	100,921	90,188	137,740	267,974	475,152	789,392	834,437	5,203,713

The following table shows the total output of DOMESTIC Coal disposed of as Lump Coal by Districts during each month:

Districts	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Total
Lethbridge	50,399	24,951	26,552	1,323	1,562	1,761	2,711	7,749	11,710	22,576	51,008	53,902	256,204
Magrath	304	187	139	135	60	47	130	231	244	448	382	207	2,514
Milk River	420	323	333	147	77	128	106	170	279	746	609	356	3,694
Taber	3,173	1,117	1,069	981	3,062	3,142	2,538	3,686	6,165	7,699	8,978	9,452	51,062
Bow Island	307	241	201	106	64	71	78	152	314	957	591	348	3,430
Medicine Hat	405	.....	.....	33	.....	.....	.....	.....	194	1,201	7,332	2,519	11,684
Aldersyde	.....	407	424	276	271	309	393	639	722	1,172	1,154	829	7,237
Gleichen	1,055	625	769	596	217	334	171	263	189	491	774	1,181	6,665
Drumheller	101,395	36,439	27,946	720	1,057	2,790	2,718	4,714	9,316	44,092	118,984	117,683	467,764
Rosedale	25,915	8,847	5,945	.....	58	.....	30	.....	1,243	6,573	27,763	25,772	102,146
Wayne	31,556	10,218	9,915	306	414	2,179	3,011	8,033	22,710	33,381	50,877	57,182	229,782
Big Valley	3,761	631	82	551	2,297	32	.....	137	1,310	2,146	2,485	2,003	15,435
Brooks	1,779	593	353	252	222	219	572	418	545	1,183	1,099	927	7,162
Hanna	1,274	1,123	528	720	557	428	378	564	1,188	3,260	3,566	1,725	15,311
Lacombe	400	217	53	29	7	13	.....	18	121	342	644	619	2,463
Trochu	2,018	1,647	181	165	222	71	24	83	1,016	1,261	1,523	1,936	10,147
Three Hills	2,912	1,707	489	486	1,283	438	242	1,104	3,056	5,138	4,821	4,460	26,136
Carbon	4,560	3,985	3,013	157	710	2,519	951	4,393	5,478	7,190	7,878	7,366	48,200
Battle River	1,534	1,179	712	161	30	110	61	234	367	934	2,062	2,069	9,453
Camrose	6,229	2,932	1,799	1,279	264	389	577	969	3,074	5,836	10,050	8,874	42,272
Tofield	10,588	4,611	2,734	1,693	1,058	1,339	474	1,104	3,479	14,419	17,478	11,466	70,543
Clover Bar	28,057	12,495	6,717	6,244	7,666	7,436	8,073	3,341	18,157	28,861	31,102	29,350	187,499
Edmonton	10,136	4,838	3,073	1,827	897	486	662	683	2,581	6,146	7,459	10,074	48,862
Strathcona	1,412	713	269	77	28	.....	.....	.....	.....	50	707	995	4,251
Namoo	806	454	227	243	199	99	222	622	928	1,286	1,280	1,346	7,712
Cardiff	6,279	2,249	1,178	634	645	56	371	2,092	3,470	7,736	10,115	7,105	41,930
Wabamun	1,816	420	420	1,884	1,643	72	2,571	2,295	1,672	2,276	1,883	1,947	18,899
Pembina	4,414	1,848	524	4,312	4,211	2,409	2,287	1,043	5,415	7,477	7,443	6,746	48,129
Peace River	223	66	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	289
Total	302,778	125,063	95,645	25,337	28,781	26,877	29,351	44,737	104,943	214,877	380,047	368,439	1,746,875

THE MINES BRANCH

The following table shows the total output of DOMESTIC Coal disposed of as Mine Run Coal by Districts during each month:

Districts	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Total
Lethbridge...	1,112	690	892	355	212	96	130	793	1,769	1,040	2,096	2,301	11,486
Magrath...	297	250	238	125	166	205	247	123	286	676	569	334	3,516
Milk River...	77	84	94	65	75	257	258	382	329	316	742	553	3,232
Taber...	69	33	39	15	11	113	7	11	41	119	164	56	678
Bow Island...	2,078	679	667	1,065	1,634	3,413	3,994	4,994	6,855	993	7,431	1,129	34,932
Medicine Hat...	110	87	107	112	81	130	91	91	120	485	308	185	1,907
Aldersyde...	99	56	59	263	32	25	34	44	275	466	351	336	2,040
Gleichen...	...	32	10	2,716	80	48	...	164	266	383	399	319	4,417
Drumheller...	1,543	817	688	...	...	400	617	817	1,108	1,366	1,319	893	9,568
Rosedale...	74	28	246	...	...	230	179	171	86	44	100	93	1,251
Wayne...	887	658	3,825	1,741	2,283	502	118	377	2,637	4,936	5,222	4,127	27,313
Big Valley...	163	99	82	22	4	7	14	19	58	106	212	133	919
Brooks...	349	547	751	261	105	84	91	142	404	994	897	889	5,514
Hanna...	1,482	1,194	682	957	193	165	138	201	530	1,042	2,230	1,778	10,592
Lacombe...	546	539	215	156	...	30	8	54	150	120	318	644	2,780
Trochu...	3,382	2,905	2,117	3,793	3,488	2,933	574	184	383	380	753	894	21,786
Three Hills...	379	233	161	231	97	11	...	169	306	481	638	592	3,298
Carbon...	1,101	811	430	110	19	...	61	101	342	562	1,165	1,834	6,536
Battle River...	1,626	1,240	1,245	1,126	1,076	1,439	1,240	782	1,654	1,071	1,954	740	15,193
Camrose...	5,046	4,063	3,239	2,079	1,524	1,509	1,913	1,521	2,030	1,993	3,933	6,028	34,878
Tofield...	990	4,453	9,374	4,808	2,618	2,124	2,521	1,912	2,348	373	396	496	32,415
Clover Bar...	...	...	...	...	...	...	...	...	15	...	...	23	38
Edmonton...	...	...	...	...	5	34	...	...	65	182	70	172	533
Strathcona...	5	...	...	...	...	...	...	...	105	382	304	464	3,094
Namoo...	832	345	362	150	...	...	64	86	3505	64	40	360	33,862
Cardiff...	463	1,145	5,118	7,052	6,802	3,572	3,828	3,613	31	...	...	...	15,552
Wabamun...	...	138	2,578	1,712	1,854	3,522	3,273	2,413	...	...	...	...	15
Pembina...	...	...	...	...	...	...	...	11	...	...	...	4	627
Peace River...	52	58	226	30	...	...	...	...	...	...	144	117	...
Total	22,762	21,484	33,445	26,944	22,359	20,849	19,400	19,175	25,698	18,576	31,786	25,494	289,972

ANNUAL REPORT, 1924

47

The following table shows the total output of DOMESTIC Coal Disposed of as Nut Coal by Districts during each month:

Districts	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Total
Lethbridge ...	9,864	5,312	7,668	36	30	75	140	4,609	4,605	6,525	19,892	22,541	81,297
Magrath .....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Milk River .....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Taber	558	150	231	386	973	1,392	1,308	1,752	2,429	2,299	2,504	2,652	16,634
Bow Island	7	8	2	.....	1	.....	.....	.....	.....	.....	.....	.....	46
Medicine Hat	118	19	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	2,674
Aldersyde	61	20	17	10	11	13	25	46	23	553	1,768	181	499
Gleichen .....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Drumheller	19,246	7,760	6,555	1	1	1	1	2	56	108	70	54	21
Rosedale	1,120	606	776	226	192	1,047	1,346	1,763	2,400	8,741	23,479	24,152	96,907
Wayne	6,122	2,415	2,130	.....	.....	.....	5	.....	.....	351	1,235	1,239	5,332
Big Valley	2,731	1,577	87	8	93	302	820	1,406	4,328	7,185	11,800	10,085	46,661
Brooks .....	.....	.....	.....	30	.....	30	.....	.....	283	508	332	155	5,826
Hanna	539	316	320	309	240	232	298	391	1,350	4,656	6,503	2,774	17,928
Lacombe .....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Trochu	211	405	16	.....	60	.....	.....	.....	98	267	294	230	1,581
Three Hills	760	505	2,132	1,358	312	271	241	445	1,159	1,672	1,263	767	10,885
Carbon	3,836	3,638	2,254	.....	790	2,290	521	3,963	4,757	5,677	6,575	5,492	39,802
Battle River	112	50	59	5	.....	5	1	9	14	72	172	163	662
Camrose	2,466	1,604	1,220	629	250	69	167	910	1,884	3,515	4,431	4,906	22,051
Tofield	30	12	10	11	7	.....	.....	.....	3	7	10	34	124
Clover Bar	13,557	7,200	6,940	7,504	4,961	3,964	3,706	2,863	8,875	14,194	13,127	13,090	99,981
Edmonton	6,910	4,317	5,484	5,112	2,541	1,701	1,165	3,000	4,093	5,269	6,461	6,790	52,843
Strathcona	237	108	74	46	17	.....	.....	.....	.....	24	406	387	1,299
Namoo	476	265	95	.....	62	96	70	157	407	468	429	422	2,947
Cardiff	1,611	837	1,643	1,166	683	430	304	1,129	2,277	4,174	3,892	2,111	20,257
Wabamun	3,358	1,925	2,539	1,878	2,691	683	557	831	2,162	3,940	3,878	3,635	28,077
Pembina	5,289	2,808	3,725	1,696	2,461	2,862	2,815	3,643	3,988	5,133	4,699	4,134	43,253
Peace River .....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Total	79,219	41,857	43,977	20,441	16,376	15,523	13,490	26,921	45,196	75,349	113,239	106,002	597,590

THE MINES BRANCH

The following table shows the total output of DOMESTIC Coal disposed of as Slack Coal by Districts during each month:

Districts	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Total
Lethbridge...	9,397	5,262	4,977	517	210	1,800	422	3,319	2,616	5,475	11,507	12,096	57,598
Magrath.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Milk River....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Taber.....	941	373	297	408	844	1,220	778	1,321	2,372	2,726	3,808	4,628	19,716
Bow Island....	11	25	31	18	10	23	27	23	18	103	69	44	402
Medicine Hat..	10	.....	10	.....	.....	.....	.....	10	91	218	184	390	913
Aldersyde....	34	28	23	6	9	15	24	24	20	51	33	23	290
Gleichen.....	44	20	27	22	22	22	12	21	49	60	49	49	397
Drumheller...	21,789	12,250	9,291	611	942	1,343	1,112	1,176	1,381	7,622	20,962	21,956	100,435
Rosedale.....	2,473	893	634	.....	.....	.....	.....	.....	221	710	2,931	2,840	10,702
Wayne.....	5,234	1,965	2,142	90	202	596	172	1,354	3,188	4,509	6,570	8,240	34,262
Big Valley....	798	344	463	112	761	800	219	60	401	995	1,248	879	7,080
Brooks.....	.....	.....	2	2	.....	.....	.....	.....	.....	.....	.....	.....	4
Hanna.....	203	192	203	179	162	118	85	146	251	467	1,147	532	3,685
Lacombe.....	40	18	5	213	.....	5	11	8	72	117	84	98	671
Trochu.....	237	314	67	68	50	118	1	82	197	463	248	367	2,212
Three Hills...	1,339	938	675	558	473	406	351	401	1,123	1,685	1,409	1,404	10,762
Carbon.....	1,502	1,470	1,046	28	347	1,186	141	1,579	2,071	2,374	2,504	2,597	16,845
Battle River...	129	78	59	4	1	2	2	2	22	43	98	194	634
Camrose.....	1,311	742	506	363	322	158	257	420	781	1,537	2,550	2,442	11,389
Tofield.....	10	497	1,908	781	525	262	252	231	174	189	169	8	5,006
Clover Bar....	11,048	5,011	3,482	4,179	4,030	3,665	4,170	2,523	7,835	12,880	10,755	11,401	80,979
Edmonton....	5,323	3,130	3,145	3,307	1,894	1,204	940	2,162	2,725	3,644	4,408	5,290	37,172
Strathcona...	388	200	84	50	10	12	.....	.....	6	30	168	258	1,206
Namoo.....	643	432	250	179	113	59	112	366	628	792	918	1,023	5,515
Cardiff.....	1,862	767	247	82	140	30	50	100	785	2,461	2,356	2,010	10,890
Wabamun....	1,295	534	241	1,007	1,305	2,213	935	1,705	3,007	2,746	1,583	1,392	17,963
Pembina.....	2,876	1,713	1,630	1,858	1,895	1,649	1,205	1,332	2,634	2,929	2,807	2,876	25,404
Peace River...	30	10	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	40
Total	68,968	37,210	31,456	14,642	14,267	16,906	11,278	18,365	32,668	54,861	78,565	83,037	462,223

The following table shows the total output of SUB-BITUMINOUS Coal disposed of as Lump Coal by Districts during each month:

Districts	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Total
Pincher Creek	164	69	135	50	40	19	40	40	215	259	259	234	1,524
High River	.....	.....	5	.....	.....	.....	.....	.....	.....	.....	.....	101	106
Calgary	7,077	3,582	939	.....	.....	237	539	1,912	4	9	22	34	69
Saunders	6,556	3,568	608	361	1,035	1,165	1,631	1,649	4,382	5,694	6,613	6,831	37,806
Yellowhead	.....	.....	.....	.....	.....	.....	.....	.....	5,796	9,516	9,389	9,693	50,967
Total	13,797	7,219	1,687	411	1,075	1,421	2,210	3,601	10,397	15,478	16,283	16,893	90,472

The following table shows the total output of SUB-BITUMINOUS Coal disposed of as Mine Run Coal by Districts during each month:

Districts	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Total
Pincher Creek	798	245	211	291	323	641	1,507	277	2,075	1,071	554	461	8,454
High River	469	419	279	179	156	33	328	121	246	59	470	247	3,006
Calgary	.....	.....	28	.....	.....	.....	.....	.....	15	164	48	30	285
Saunders	756	549	175	.....	19	53	175	413	2,967	1,634	1,148	314	8,203
Yellowhead	42,248	59,559	51,924	55,466	27,803	7,368	4,619	3,490	8,435	16,820	19,550	29,304	326,586
Total	44,271	60,772	52,617	55,936	28,301	8,095	6,629	4,301	13,738	19,748	21,770	30,356	346,534

The following table shows the total output of SUB-BITUMINOUS Coal disposed of as Nut Coal by Districts during each month:

Districts	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Total
Pincher Creek	22	10	16	7	5	.....	3	18	76	99	91	88	435
High River	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Calgary	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Saunders	45	76	24	.....	.....	8	40	137	232	744	1,222	989	445
Yellowhead	1,718	1,479	355	248	505	668	835	7,582	17,578	4,374	12,006	11,739	59,087
Total	1,785	1,565	395	255	510	676	878	7,737	17,900	5,217	13,542	13,024	63,484

The following table shows the total output of SUB-BITUMINOUS Coal disposed of as Slack Coal by Districts during each month:

Districts	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Total
Pincher Creek	151	116	151	72	106	57	70	59	376	417	339	353	2,267
High River	75	.....	.....	.....	.....	.....	.....	.....	200	100	75	155	605
Calgary	.....	.....	.....	.....	.....	.....	.....	.....	30	44	32	48	154
Saunders	4,288	2,105	438	.....	.....	187	381	920	1,514	2,542	3,050	3,595	19,020
Yellowhead	5,432	6,633	7,061	6,241	5,865	1,896	2,385	3,467	8,332	7,739	6,847	7,512	69,410
Total	9,946	8,854	7,650	6,313	5,971	2,140	2,836	4,446	10,452	10,842	10,343	11,663	91,456

The following table shows the total output of BITUMINOUS Coal disposed of as Lump Coal by Districts during each month:

Districts	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Total
Crow's Nest P.	2,159	920	1,927	.....	.....	.....	.....	.....	.....	982	2,467	1,866	10,321
Canmore	459	432	376	.....	.....	.....	.....	.....	.....	386	481	654	2,788
Brazeau .....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Jasper Park ..	23	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	22
Mountain Park	285	147	205	.....	.....	.....	.....	.....	.....	.....	.....	1	638
Total	2,926	1,499	2,508	.....	.....	.....	.....	.....	.....	1,368	2,948	2,521	13,770

The following table shows the total output of BITUMINOUS Coal disposed of as Mine Run Coal by Districts during each month:

Districts	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Total
Crow's Nest P.	214,680	173,642	193,027	2,781	1,123	1,282	3	5,217	5,633	44,650	92,716	111,541	846,295
Canmore	25,488	25,909	25,984	821	824	817	820	662	921	11,334	17,018	20,182	130,780
Brazeau	45,402	50,896	72,691	.....	.....	.....	.....	.....	.....	.....	151	5,632	174,772
Jasper Park ..	808	443	608	490	639	499	368	463	305	667	684	521	6,495
Mountain Park	75,939	71,908	101,334	.....	180	5,836	2,925	1,983	123	.....	3,288	22,110	285,626
Total	362,317	322,798	393,644	4,092	2,766	8,434	4,116	8,325	6,982	56,651	113,857	159,986	1,443,968

The following table shows the total output of BITUMINOUS Coal disposed of as Nut Coal by Districts during each month:

Districts	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Total
Crow's Nest P.	1,671	570	460	.....	.....	.....	.....	38	.....	346	593	1,320	4,998
Cannore	.....	.....	197	.....	.....	.....	.....	.....	.....	.....	44	.....	241
Brazeau	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Jasper Park	.....	.....	29	.....	.....	.....	.....	.....	.....	.....	.....	.....	29
Mountain Park	.....	2	31	.....	.....	.....	.....	.....	.....	.....	.....	.....	33
Total	1,671	572	717	.....	.....	.....	.....	38	.....	346	637	1,320	5,301

The following table shows the total output of BITUMINOUS Coal disposed of as Slack Coal by Districts during each month:

Districts	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Total
Crow's Nest P.	8,822	10,680	17,911	51	.....	.....	.....	94	.....	1,839	6,375	5,278	51,050
Cannore	98	215	281	.....	.....	.....	.....	.....	.....	.....	.....	424	1,018
Brazeau	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Jasper Park	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Mountain Park	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Total	8,920	10,895	18,192	51	.....	.....	.....	94	.....	1,839	6,375	5,702	52,068

ANNUAL REPORT, 1924

53

The following table shows the total sales of DOMESTIC Coal by Districts during each month:

Districts	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Total
Lethbridge....	60,298	32,047	36,702	1,969	2,004	2,211	3,403	13,077	18,704	31,592	74,797	77,704	354,308
Magrath.....	304	187	139	135	60	47	130	231	244	448	382	207	2,514
Milk River....	718	577	574	252	243	303	343	313	575	1,432	1,178	690	7,198
Taber.....	3,835	1,456	1,582	1,564	4,333	5,099	4,372	6,306	9,461	10,840	12,673	12,871	74,392
How Island....	385	285	245	124	84	188	88	166	363	1,124	809	438	4,299
Medicine Hat..	2,601	698	667	1,108	1,634	3,413	3,994	4,996	7,072	2,747	16,531	4,099	49,560
Aldersyde....	812	514	406	406	363	452	509	776	898	1,769	1,536	1,072	9,655
Gleichen.....	1,154	681	828	860	250	360	206	309	459	960	1,128	1,521	8,716
Drumheller....	139,678	54,382	41,842	4,042	2,106	5,096	4,946	7,567	13,043	59,817	160,424	160,270	653,213
Rosedale.....	30,826	10,963	7,843	.....	58	400	647	817	2,572	8,900	33,013	30,505	126,344
Wayne.....	41,188	13,829	13,426	528	586	3,347	4,147	10,649	29,102	43,012	66,619	71,672	298,105
Big Valley....	8,047	3,080	4,327	2,374	5,334	1,284	337	514	4,531	8,448	8,384	6,447	53,057
Brooks.....	940	690	435	277	225	224	584	435	601	1,287	1,309	1,058	8,065
Hanna.....	2,143	1,941	1,608	1,290	922	702	671	1,060	2,931	8,854	11,185	5,392	38,699
Lacombe.....	1,847	1,411	735	986	200	183	143	224	681	1,409	2,910	2,436	13,165
Trochu.....	2,731	2,591	412	321	282	172	32	137	1,383	1,920	2,075	2,840	14,896
Three Hills...	7,970	5,677	4,992	5,775	5,169	3,688	1,164	1,739	5,306	8,450	7,821	7,100	64,851
Carbon.....	9,898	9,007	6,126	505	1,794	5,581	1,698	9,774	12,277	15,382	17,244	15,690	104,976
Battle River..	2,747	2,040	1,201	276	49	115	123	334	733	1,568	3,399	4,072	16,657
Camrose.....	11,240	6,226	4,609	3,360	1,852	2,000	2,169	2,944	7,084	11,400	17,624	15,399	85,907
Tofield.....	15,699	9,120	7,833	4,506	2,906	2,910	2,439	2,656	5,582	16,538	21,525	17,428	109,142
Clover Bar....	51,660	27,419	24,529	20,905	17,764	15,682	16,652	9,509	35,238	54,204	53,304	52,236	379,102
Edmonton....	22,169	12,085	11,502	10,046	5,132	3,291	2,667	5,745	9,214	14,859	18,128	21,977	136,815
Strathcona...	1,923	898	367	123	50	34	.....	.....	65	286	1,240	1,605	6,591
Namoo.....	2,597	1,421	894	512	354	234	445	1,183	1,972	2,862	2,861	3,140	18,475
Cardiff.....	9,790	4,992	7,872	8,676	8,050	3,920	4,376	6,728	9,793	14,114	16,039	11,204	105,554
Wabamun....	5,643	2,647	5,456	6,016	7,128	6,090	6,976	6,861	6,417	8,477	6,706	6,564	74,981
Pembina.....	9,971	5,610	4,582	6,390	7,001	5,466	4,978	5,225	10,582	13,534	13,176	12,029	98,544
Peace River...	275	124	226	30	.....	.....	.....	.....	.....	.....	144	117	916
Total	449,089	212,598	192,102	83,306	75,933	72,492	68,239	100,275	196,883	346,233	574,164	547,783	2,919,097

THE MINES BRANCH

The following table shows the total sales of SUB-BITUMINOUS Coal by Districts during each month:

Districts	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Total
Pincher Creek	1,114	430	503	420	469	717	1,620	394	2,742	1,846	1,213	1,131	12,599
High River...	459	409	276	179	151	23	328	121	243	59	470	328	3,046
Calgary			18						18	157	310	257	760
Saunders	11,457	5,586	1,621			368	986	3,089	8,458	10,013	11,292	11,151	64,021
Yellowhead ..	52,453	65,085	53,269	56,525	30,589	10,453	7,831	13,758	35,212	34,226	42,317	52,457	454,175
Total	65,483	71,510	55,687	57,124	31,209	11,561	10,765	17,362	46,673	46,301	55,602	65,324	534,601

THE MINES BRANCH

The following table shows the total amount of DOMESTIC Coal sold each month for consumption in Alberta:

Districts	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Total
Lethbridge	15,830	9,353	12,804	1,969	1,567	1,540	1,963	3,677	5,581	10,480	21,112	23,082	108,958
Magrath	304	187	139	135	60	47	130	231	244	448	382	207	2,514
Milk River	718	577	574	252	243	303	343	313	575	1,432	1,178	690	7,198
Taber	1,638	1,012	1,278	1,049	1,300	1,349	1,187	1,184	2,748	3,141	2,203	2,607	20,696
Bow Island	385	285	245	124	84	188	88	166	363	1,091	749	438	4,206
Medicine Hat	229	108	93	440	1,191	2,541	2,325	1,940	3,476	1,277	4,092	1,053	18,765
Aldersyde	812	514	548	406	363	452	509	776	898	1,769	1,536	1,072	9,655
Gleichen	1,154	681	828	860	250	360	206	309	459	960	1,068	1,521	8,656
Drumheller	31,122	13,762	14,469	3,178	1,613	2,450	1,662	2,446	3,489	15,376	35,181	35,986	160,734
Rosedale	6,424	3,033	3,442	.....	.....	212	67	24	1,637	1,719	6,595	7,276	30,429
Wayne	8,667	2,918	4,091	.....	299	1,351	1,241	2,593	7,379	7,537	9,509	12,164	58,178
Big Valley	3,097	1,122	1,604	1,525	3,051	886	337	386	2,178	1,717	2,817	3,307	22,027
Brooks	940	690	435	277	225	224	584	435	601	1,287	1,309	1,058	8,065
Hanna	1,949	1,846	1,246	1,158	856	669	638	961	1,930	5,326	5,179	3,386	25,144
Lacombe	1,757	1,411	735	956	200	183	143	194	651	1,201	2,759	2,361	12,551
Trochu	1,442	1,250	372	291	162	172	32	137	935	1,144	1,763	2,073	9,773
Three Hills	5,353	4,345	4,393	5,574	4,827	3,495	1,023	1,024	3,231	4,202	4,176	4,537	46,180
Carbon	3,276	3,529	1,988	348	998	2,554	1,009	4,373	7,628	8,716	8,185	7,078	49,682
Battle River	2,747	2,040	1,106	276	49	115	123	334	733	1,568	3,011	3,974	16,076
Camrose	9,236	4,733	3,379	2,253	1,384	1,520	1,560	1,987	4,512	6,542	10,443	11,083	58,632
Tofield	2,465	1,836	2,591	1,410	1,237	1,073	928	619	1,105	2,014	3,891	4,234	23,403
Clover Bar	45,709	26,000	21,025	17,170	11,341	13,162	13,755	7,041	22,662	31,866	35,394	37,091	282,216
Edmonton	21,608	11,687	11,408	9,771	4,859	3,003	2,172	5,595	9,214	13,734	16,638	21,626	131,315
Strathcona	1,923	898	367	123	50	34	.....	.....	65	286	1,240	1,605	6,591
Namoo	2,564	1,421	894	512	354	137	317	726	1,421	2,245	2,767	2,880	16,238
Cardiff	8,300	4,327	7,388	8,541	7,921	3,920	4,376	5,322	7,437	7,987	10,243	9,592	85,354
Wabamun	1,368	848	3,267	2,492	2,453	2,167	6,244	4,948	1,915	2,411	3,107	1,398	32,618
Pembina	4,470	1,583	1,384	4,416	2,973	1,539	2,732	1,991	1,380	2,063	2,632	3,601	30,224
Peace River	275	124	226	30	.....	.....	.....	.....	.....	.....	144	117	916
Total	185,762	102,120	102,319	65,965	49,910	45,646	45,694	49,732	94,447	139,539	199,303	206,557	1,286,994

The following table shows the amount of SUB-BITUMINOUS Coal sold each month for consumption in Alberta:

Districts	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Total
Pincher Creek	932	368	473	315	469	717	1,570	287	2,461	1,463	1,155	1,101	11,311
High River	459	409	276	179	151	23	328	121	243	59	470	328	3,046
Calgary	.....	.....	18	.....	.....	.....	.....	.....	18	157	310	257	760
Saunders	4,161	2,073	1,074	.....	.....	181	295	894	3,561	3,096	3,095	4,124	22,554
Yellowhead	1,980	1,497	1,159	1,464	2,400	3,165	871	3,425	10,928	5,160	1,732	1,910	35,691
Total	7,532	4,347	3,000	1,958	3,020	4,086	3,064	4,727	17,211	9,935	6,762	7,720	73,362

The following table shows the total amount of SUB-BITUMINOUS Coal sold to Railroad Companies for consumption by same:

Districts	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Total
Pincher Creek	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
High River	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Calgary	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Saunders	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Yellowhead	38,960	57,671	50,182	53,766	25,417	4,763	3,284	5,463	13,511	14,009	27,871	37,678	332,575
Total	38,960	57,671	50,182	53,766	25,417	4,763	3,284	5,463	13,511	14,009	27,871	37,678	332,575

The following table shows the total amount of BITUMINOUS Coal sold to Railroad Companies for consumption by same:

Districts	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Total
Crow's Nest P.	191,000	155,117	176,062	3,345	.....	.....	.....	.....	.....	27,940	79,065	98,044	730,573
Canmore	23,761	23,699	22,769	.....	.....	.....	.....	.....	.....	9,271	14,733	17,939	112,172
Brazeau	44,161	49,827	70,911	.....	.....	.....	.....	.....	.....	.....	.....	4,812	169,711
Jasper Park	.....	.....	.....	.....	.....	53	.....	.....	.....	.....	.....	.....	53
Mountain Park	71,155	67,052	107,042	.....	279	766	359	.....	.....	.....	1,984	19,853	268,490
Total	330,077	295,695	376,784	3,345	279	819	359	.....	.....	37,211	95,782	140,648	1,280,999

THE MINES BRANCH

The following table shows the total amount of DOMESTIC Coal sold each month for consumption in British Columbia:

Districts	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Total
Lethbridge...	4,556	1,564	1,961	.....	97	34	118	857	1,465	1,712	4,052	4,611	21,027
Magrath.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Milk River...	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Taber.....	245	.....	99	44	66	311	384	403	698	942	752	967	4,911
Bow Island...	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Medicine Hat...	206	31	62	.....	.....	30	48	1,032	245	651	1,283	135	3,723
Aldersyde.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Gleichen.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Drumheller...	5,124	511	866	.....	39	.....	.....	216	167	1,429	3,068	3,565	14,985
Rosedale.....	85	.....	33	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Wayne.....	302	98	127	33	.....	.....	109	645	870	683	309	258	3,434
Big Valley.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Brooks.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Hanna.....	33	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Lacombe.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Trochu.....	180	.....	40	30	120	.....	.....	.....	.....	.....	.....	.....	.....
Three Hills...	41	.....	.....	43	64	33	.....	138	77	570	70	140	644
Carbon.....	112	46	.....	.....	32	.....	35	365	67	251	183	108	1,257
Battle River...	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Camrose.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Tofield.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Clover Bar...	.....	.....	.....	65	.....	.....	.....	.....	37	96	33	73	73
Edmonton.....	150	.....	.....	.....	.....	.....	.....	.....	.....	114	.....	96	477
Strathcona...	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Namoo.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Cardiff.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Wabamun.....	790	296	1,325	349	.....	95	32	64	323	448	338	577	4,637
Pembina.....	971	2,027	2,418	478	1,330	1,973	288	1,326	1,387	1,505	2,479	3,050	19,232
Peace River...	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Total	12,795	4,573	6,931	1,042	1,748	2,476	1,014	5,046	5,400	8,433	12,870	13,967	76,295

The following table shows the total amount of SUB-BITUMINOUS Coal sold each month for consumption in British Columbia:

Districts	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Total
Pincher Creek	90	62	30	60	.....	.....	50	107	.....	.....	32	30	461
High River	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Calgary	141	162	104	.....	.....	64	32	97	296	351	344	201	1,792
Saunders	1,676	949	684	241	369	287	387	596	547	1,246	1,301	1,063	9,346
Yellowhead	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Total	1,907	1,173	818	301	369	351	469	800	843	1,597	1,677	1,294	11,599

The following table shows the total amount of BITUMINOUS Coal sold each month for consumption in British Columbia:

Districts	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Total
Crow's Nest P.	2,573	3,485	4,768	155	.....	.....	.....	573	723	1,157	1,866	4,320	19,620
Canmore	46	47	156	.....	.....	.....	.....	.....	.....	.....	116	40	405
Brazeau	.....	.....	.....	.....	.....	.....	47	.....	.....	.....	.....	.....	76
Jasper Park	.....	.....	29	.....	.....	.....	685	356	.....	.....	1,051	561	6,191
Mountain Park	381	1,252	1,123	.....	261	521	.....	.....	.....	.....	.....	.....	.....
Total	3,000	4,784	6,076	155	261	521	732	929	723	1,157	3,033	4,921	26,292

THE MINES BRANCH

The following table shows the total amount of DOMESTIC Coal sold each month for consumption in Saskatchewan:

Districts	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Total
Lethbridge ...	33,283	16,221	20,223	.....	340	637	1,287	7,616	10,383	17,854	42,346	43,352	193,542
Magrath .....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Milk River ...	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Taber	787	265	130	408	2,566	3,107	2,268	3,829	4,929	5,239	7,579	6,891	37,998
Bow Island ...	.....	.....	.....	.....	.....	.....	.....	.....	.....	33	60	.....	93
Medicine Hat ..	1,470	482	420	495	410	842	1,621	1,914	3,206	693	10,630	1,789	23,972
Aldersyde .....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Gleichen .....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Drumheller ...	53,301	22,715	21,831	836	358	2,450	3,074	4,185	8,242	31,552	86,295	71,116	305,955
Rosedale	16,311	5,740	3,698	.....	58	125	520	733	905	5,592	18,966	14,292	66,940
Wayne	19,000	6,606	7,885	33	191	1,704	2,235	6,443	16,055	26,671	44,895	41,724	173,442
Big Valley	3,109	1,348	2,673	641	2283	398	.....	128	1,610	5,342	4,542	2,535	24,609
Brooks .....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Hanna	161	95	362	132	66	33	33	99	924	2,352	3,798	1,506	9,561
Lacombe	90	.....	.....	30	.....	.....	.....	30	30	208	151	33	572
Trochu	70	265	.....	.....	.....	.....	.....	.....	286	293	.....	380	1,294
Three Hills ...	266	75	599	158	185	63	.....	.....	297	984	827	454	3,908
Carbon	3,063	2,294	3,123	157	640	2,139	490	3,078	2,878	4,371	5,180	3,358	30,771
Battle River ...	.....	.....	95	.....	.....	.....	.....	.....	.....	.....	.....	.....	95
Camrose	1,728	1,453	1,230	1,074	468	480	609	925	2,355	3,661	5,744	3,742	23,469
Tofield	7,285	3,794	3,688	1,056	1,444	815	1,479	1,907	3,296	11,294	14,568	7,358	57,984
Clover Bar	4,556	914	2,172	2,024	3,773	2,123	1,610	1,571	8,305	14,910	12,112	10,013	64,083
Edmonton	520	352	94	275	273	134	132	108	.....	936	940	221	3,985
Strathcona ...	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Namoo	33	.....	.....	.....	.....	64	64	332	174	365	.....	228	1,260
Cardiff	1,182	444	390	135	64	.....	.....	1,217	1,927	3,262	3,043	961	12,625
Wabamun	3,043	1,277	467	3,104	3,866	2,592	700	1,414	2,998	3,358	1,936	3,137	27,892
Pembina	1,072	601	229	850	848	1,141	1,109	594	3,388	4,642	3,535	2,341	20,350
Peace River ...	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Total	150,330	64,941	69,309	11,408	17,833	18,847	17,231	36,123	72,188	143,612	267,147	215,431	1,084,400

The following table shows the total amount of SUB-BITUMINOUS Coal sold each month for consumption in Saskatchewan:

Districts	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Total
Pincher Creek	92	.....	.....	45	.....	.....	.....	.....	281	383	26	.....	827
High River	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Calgary	2,285	1,041	443	.....	.....	123	594	1,479	3,368	4,329	4,760	3,736	22,158
Saunders	2,403	767	997	603	1,601	1,201	2,000	2,694	4,907	7,131	4,056	3,294	31,654
Yellowhead	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Total	4,780	1,808	1,440	648	1,601	1,324	2,594	4,173	8,556	11,843	8,842	7,030	54,639

The following table shows the total amount of BITUMINOUS Coal sold each month for consumption in Saskatchewan:

Districts	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Total
Crow's Nest P.	8,315	4,787	11,395	1,054	855	338	.....	1,665	814	4,640	6,105	5,688	45,656
Canmore	57	105	273	.....	.....	.....	.....	.....	.....	165	347	48	995
Brazeau	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Jasper Park	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Mountain Park	1,077	342	343	.....	39	38	.....	172	.....	.....	1,382	705	4,098
Total	9,449	5,234	12,011	1,054	894	376	.....	1,837	814	4,805	7,834	6,441	50,749

THE MINES BRANCH

The following table shows the amount of DOMESTIC Coal sold each month for consumption in Manitoba:

Districts	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Total
Lethbridge	5,221	4,482	1,513	.....	.....	.....	35	419	809	869	5,617	5,254	24,219
Magrath	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Milk River	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Taber	843	48	44	33	297	266	379	494	884	1,330	1,857	1,937	8,412
Bow Island	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Medicine Hat	405	77	92	140	33	.....	.....	110	61	.....	225	842	1,985
Aldersyde	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Gleichen	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Drumheller	47,317	16,559	4,481	28	96	196	210	720	1,145	10,938	34,053	47,896	163,639
Rosedale	7,846	2,190	670	.....	.....	63	60	60	30	1,557	7,199	8,604	28,279
Wayne	12,833	4,030	1,193	33	96	292	562	935	4,765	7,916	11,405	16,961	61,021
Big Valley	1,841	610	50	158	.....	.....	.....	.....	743	1,389	1,025	605	6,421
Brooks	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Hanna	.....	.....	.....	.....	.....	.....	.....	.....	77	1,176	2,175	467	3,895
Lacombe	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Trochu	1,009	1,010	.....	.....	.....	.....	.....	.....	98	483	212	217	3,029
Three Hills	2,310	1,257	.....	.....	93	97	141	577	1,701	2,694	2,635	2,001	13,506
Carbon	3,447	3,138	981	.....	64	687	164	1,921	1,567	1,944	3,741	5,033	22,687
Battle River	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	388	98	486
Camrose	244	40	.....	33	.....	.....	.....	32	217	1,197	1,437	574	3,774
Tofield	5,916	3,490	1,554	2,040	225	1,022	32	130	1,181	3,230	3,066	5,763	27,649
Clover Bar	962	380	1,332	914	1,207	397	673	864	4,070	7,096	5,504	5,004	28,403
Edmonton	.....	.....	.....	.....	.....	154	363	42	.....	.....	520	130	1,209
Strathcona	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Namoa	.....	.....	.....	.....	.....	.....	.....	125	377	252	94	32	944
Cardiff	308	221	94	.....	65	.....	64	186	429	2,865	2,711	620	7,502
Wabamun	410	226	397	71	809	340	.....	149	1,181	2,260	1,325	1,452	8,620
Pembina	.....	1,399	551	614	1,844	813	784	707	4,395	5,145	4,425	3,504	27,469
Peace River	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Total	94,200	39,157	12,952	4,064	4,829	4,327	3,467	7,474	23,730	52,341	89,614	106,994	443,149

The following table shows the amount of SUB-BITUMINOUS Coal sold for consumption in Manitoba:

Districts	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Total
Pincher Creek	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
High River	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Calgary	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Saunders	4,776	2,310	.....	.....	.....	.....	65	619	1,233	2,173	3,022	3,040	17,238
Yellowhead	7,245	4,201	247	451	802	1,037	1,289	1,580	5,285	6,649	7,269	8,512	44,567
Total	12,021	6,511	247	451	802	1,037	1,354	2,199	6,518	8,822	10,291	11,552	61,805

The following table shows the amount of BITUMINOUS Coal sold for consumption in Manitoba:

Districts	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Total
Crow's Nest P.	813	279	376	.....	.....	.....	.....	33	33	67	554	1,022	3,177
Canimore	227	215	273	.....	.....	.....	.....	.....	.....	41	.....	.....	756
Brazeau	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Jasper Park	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
MountainPark	1,020	.....	290	.....	.....	.....	.....	.....	.....	.....	170	40	1,520
Total	2,060	494	939	.....	.....	.....	.....	33	33	108	724	1,062	5,453

THE MINES BRANCH

The following table shows the total amount of DOMESTIC Coal sold each month by Districts for consumption in Ontario:

Districts	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Total
Lethbridge . . .	538	274	201	..	..	..	..	..	..	..	144	293	1,450
Magrath . . .	..	..	..	..	..	..	..	..	..	..	..	..	..
Milk River . . .	..	..	..	..	..	..	..	..	..	..	..	..	..
Taber . . .	258	66	..	..	39	66	..	34	90	10	68	..	631
Bow Island . . .	..	..	..	..	..	..	..	..	..	..	..	..	..
Medicine Hat . . .	..	..	..	..	..	..	..	..	..	..	..	..	..
Aldersyde . . .	..	..	..	..	..	..	..	..	..	..	..	..	..
Gleichen . . .	..	..	..	..	..	..	..	..	..	..	..	..	..
Drumheller . . .	1,633	481	130	..	..	..	..	..	..	326	1,055	898	4,523
Rosedale . . .	160	..	..	..	..	..	..	..	..	..	115	196	471
Wayne . . .	386	145	130	..	..	..	..	33	33	205	437	531	1,900
Big Valley . . .	..	..	..	..	..	..	..	..	..	..	..	..	..
Brooks . . .	..	..	..	..	..	..	..	..	..	..	..	..	..
Hanna . . .	..	..	..	..	..	..	..	..	..	..	..	..	..
Lacombe . . .	..	..	..	..	..	..	..	..	..	..	..	..	..
Trochu . . .	30	66	..	..	..	..	..	..	..	..	30	30	156
Three Hills . . .	..	..	..	..	..	..	..	..	..	..	..	..	..
Carbon . . .	..	..	34	..	60	201	..	37	137	100	66	46	681
Battle River . . .	..	..	..	..	..	..	..	..	..	..	..	..	..
Camrose . . .	32	..	..	..	..	..	..	..	..	..	..	..	32
Tofield . . .	33	..	..	..	..	..	..	..	..	..	..	..	33
Clover Bar . . .	252	125	..	732	1,413	..	614	33	67	96	32	32	3,396
Edmonton . . .	41	46	..	..	..	..	..	..	..	75	30	..	192
Strathcona . . .	..	..	..	..	..	..	..	..	..	..	..	..	..
Namoo . . .	..	..	..	..	..	33	..	..	..	..	..	..	33
Cardiff . . .	..	..	..	..	..	..	..	..	..	..	42	31	73
Wabamun . . .	..	..	..	..	..	896	..	286	..	..	..	..	1,182
Pembina . . .	170	..	..	32	6	..	65	607	32	147	72	73	1,204
Peace River . . .	..	..	..	..	..	..	..	..	..	..	..	..	..
Total . . .	3,533	1,203	495	764	1,518	1,196	679	1,030	359	959	2,091	2,130	15,957

THE MINES BRANCH

The following table shows the total amount of DOMESTIC Coal sold each month by Districts for consumption in the United States:

Districts	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Total
Lethbridge...	870	153						508	466	677	1,526	1,112	5,312
Magrath...													
Milk River...								362	112	178	214	469	1,744
Taber...	64	65	31	30	65		154						
Bow Island...													
Medicine Hat...	291			33					84	126	301	280	1,115
Aldersyde...													
Gleichen...													
Drumheller...	1,181	354	65							196	772	809	3,377
Rosedale...													
Wayne...		32									64	34	130
Big Valley...													
Brooks...													
Hanna...													
Lacombe...													
Trochu...													
Three Hills...													
Carbon...													
Battle River...													
Camrose...													
Tofield...									97	140	229		527
Clover Bar...	31				30								
Edmonton...													
Strathcona...													
Namoo...													
Cardiff...													
Wabamun...	32									32	33		32
Pembina...													65
Peace River...													
Total	2,469	604	96	63	95		154	870	759	1,349	3,139	2,704	12,302

The following table shows the total amount of SUB-BITUMINOUS Coal sold each month by Districts for consumption in the United States:

Districts	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Total
Pincher Creek	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
High River	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Calgary	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Saunders	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Yellowhead	63	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	63
Total	63	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	63

The following table shows the total amount of BITUMINOUS Coal sold each month by Districts for consumption in United States:

Districts	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Total
Crow's Nest P.	4,423	5,441	8,051	102	.....	.....	.....	226	51	1,371	4,565	2,524	26,754
Canmore	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Brazeau	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Jasper Park	23	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	23
Mountain Park	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Total	4,446	5,441	8,051	102	.....	.....	.....	226	51	1,371	4,565	2,524	26,777

THE MINES BRANCH

The following table shows the total sales of DOMESTIC Coal disposed of as Lump Coal by Districts during each month:

Districts	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Total
Lethbridge...	48,395	25,943	27,856	1,334	1,567	1,761	2,711	7,635	11,652	22,582	51,024	53,899	256,359
Magrath...	304	139	139	135	60	47	130	231	244	448	382	207	2,514
Milk River...	420	323	333	147	77	128	106	170	279	746	609	356	3,694
Taber...	3,125	1,117	1,038	953	3,062	3,142	2,538	3,686	6,165	7,684	8,978	9,112	50,600
Bow Island...	307	241	201	106	64	71	78	152	314	957	591	348	3,430
Medicine Hat...	405	...	...	33	...	...	...	...	194	1,201	7,332	2,519	11,684
Aldersyde...	641	407	424	276	271	309	393	639	722	1,172	1,154	829	7,237
Gleichen...	1,055	625	769	596	217	334	171	263	189	491	774	1,181	6,665
Drumheller...	101,305	36,439	27,946	720	1,057	2,790	2,718	4,714	9,316	44,092	118,984	117,673	467,754
Rosedale...	25,815	8,747	5,845	...	58	...	30	...	1,243	6,573	27,763	25,772	101,846
Wayne...	31,556	10,218	9,915	...	...	...	...	...	22,710	33,381	50,577	57,182	229,482
Big Valley...	3,761	631	82	306	414	32	3,011	137	1,310	2,146	2,485	2,003	15,435
Brooks...	777	591	351	551	2,297	217	...	416	543	1,181	1,097	925	7,139
Hanna...	1,274	1,123	528	720	557	428	378	564	1,188	3,260	3,566	1,725	15,311
Lacombe...	400	217	53	29	7	13	...	18	121	342	644	619	2,463
Trochu...	2,018	1,647	181	165	222	71	24	83	1,016	1,261	1,443	1,936	10,067
Three Hills...	2,912	1,707	489	486	1,283	438	242	1,104	3,056	5,138	4,821	4,460	26,136
Carbon...	4,560	3,985	2,972	198	710	2,379	984	4,393	5,478	7,190	7,878	7,366	48,093
Battle River...	1,534	1,179	712	161	30	110	61	234	367	934	2,062	2,069	9,453
Camrose...	6,229	2,932	1,799	1,279	264	389	577	969	3,074	5,836	10,050	8,874	42,272
Tofield...	10,638	4,561	2,684	1,613	858	1,139	274	904	3,379	14,369	17,428	11,416	69,493
Clover Bar...	28,057	12,495	6,717	6,244	7,666	7,436	8,073	3,341	18,157	28,861	31,102	29,350	187,499
Edmonton...	10,136	4,838	3,073	1,827	897	486	662	683	2,581	6,146	7,459	10,074	48,862
Strathcona...	1,412	713	269	77	28	...	...	...	...	50	707	995	4,251
Namoo...	806	454	227	243	199	99	222	622	928	1,286	1,280	1,346	7,712
Cardiff...	6,267	2,209	1,156	580	638	...	270	2,043	3,470	7,736	10,115	7,092	41,576
Wabamun...	1,816	420	420	1,884	1,643	72	2,571	2,295	1,672	2,276	1,883	1,947	18,899
Pembina...	4,112	2,184	500	4,337	4,191	2,409	2,139	1,021	5,605	7,467	7,450	6,724	48,139
Peace River...	223	66	...	...	...	...	...	...	...	...	...	...	289
Total	300,260	126,199	96,679	25,289	28,558	26,479	28,933	44,350	104,973	214,806	379,638	367,999	1,744,154

ANNUAL REPORT, 1924

71

The following table shows the total sales of DOMESTIC Coal disposed of as Mine Run Coal by Districts during each month:

Districts	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Total
Lethbridge ...	237	205	361	355	212	96	130	168	1,160	557	406	540	4,427
Magrath ...	...	...	...	...	...	...	...	...	...	...	...	...	...
Milk River ...	297	250	238	105	166	175	237	143	296	686	569	334	3,496
Taber ...	77	84	94	65	75	229	258	382	329	316	677	553	3,139
Bow Island ...	69	33	39	15	11	113	7	11	41	119	164	56	678
Medicine Hat ...	2,078	679	667	1,065	1,634	3,413	3,994	4,994	6,855	993	7,431	1,129	34,932
Aldersyde ...	110	87	107	112	81	130	91	91	120	485	308	185	1,907
Gleichen ...	99	56	59	263	32	25	34	44	265	466	351	336	2,030
Drumheller ...	32	32	10	2,696	50	48	...	164	256	383	399	319	4,357
Rosedale ...	1,543	817	688	...	...	400	617	817	1,108	1,366	1,319	893	9,568
Wayne ...	74	28	246	...	...	230	179	171	86	44	100	93	1,251
Big Valley ...	887	658	3,825	1,741	2,283	502	118	377	2,637	4,936	5,222	4,127	27,313
Brooks ...	163	99	82	22	4	7	14	19	58	106	212	133	919
Hanna ...	349	547	751	261	105	84	91	142	404	994	897	889	5,514
Lacombe ...	1,437	1,104	682	957	193	165	138	201	530	1,042	2,226	1,778	10,543
Trochu ...	546	539	215	156	...	30	8	54	150	120	318	644	2,780
Three Hills ...	3,382	2,905	2,117	3,793	3,488	2,933	574	184	383	380	753	894	21,786
Carbon ...	379	233	161	231	97	11	...	169	306	481	638	592	3,298
Battle River ...	1,101	811	430	110	19	...	61	91	352	562	1,165	1,834	6,536
Camrose ...	1,626	1,240	1,245	1,126	1,051	1,404	1,190	717	1,654	1,071	1,954	740	15,018
Tofield ...	5,046	4,063	3,239	2,079	1,524	1,509	1,913	1,521	2,030	1,978	3,933	5,993	34,828
Clover Bar ...	990	4,453	9,374	4,808	2,618	2,124	2,521	1,912	2,348	375	396	496	32,415
Edmonton ...	...	...	...	...	...	...	...	...	15	...	...	23	38
Strathcona ...	5	...	...	...	5	34	...	...	65	182	...	172	533
Namoo ...	832	345	362	150	...	...	64	86	105	382	304	464	3,094
Cardiff ...	463	1,439	5,053	6,898	6,802	3,572	3,828	3,613	3,505	64	40	347	35,624
Wabamun ...	...	138	2,578	1,712	1,854	3,522	3,273	2,413	31	...	31	...	15,552
Pembina ...	...	...	...	...	...	...	...	...	...	...	...	4	15
Peace River ...	52	58	226	30	...	...	...	...	...	...	144	117	627
Total	21,842	20,993	32,849	28,750	22,304	20,756	19,340	18,495	25,089	18,088	30,027	23,685	282,218

THE MINES BRANCH

The following table shows the total sales of DOMESTIC Coal disposed of as Nut Coal by Districts during each month:

Districts	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Total
Lethbridge...	9,437	4,963	7,807	40	30	75	140	4,579	4,472	6,290	19,392	20,770	77,995
Magrath...	...	...	...	...	...	...	...	...	...	...	...	...	...
Milk River...	...	...	...	...	...	...	...	...	...	...	...	...	...
Taber...	558	150	231	359	973	1,392	1,308	1,752	2,389	2,198	2,464	2,534	16,308
Bow Island...	7	8	2	...	1	...	...	...	...	8	16	4	46
Medicine Hat...	118	19	...	10	...	...	...	...	23	553	1,768	181	2,674
Aldersyde...	61	20	17	18	11	13	25	46	56	108	70	54	499
Gleichen...	...	...	...	1	1	1	1	2	5	3	3	4	21
Drumheller...	19,246	7,747	6,555	226	192	1,047	1,346	1,763	2,400	8,741	23,314	23,987	96,564
Rosedale...	995	506	676	...	...	...	...	...	...	251	1,000	1,000	4,428
Wayne...	6,122	2,415	2,130	3	...	357	800	1,381	4,328	7,185	11,800	10,085	46,606
Big Valley...	2,701	1,547	57	...	93	...	...	...	253	478	232	155	5,516
Brooks...	...	...	...	3	...	...	...	...	...	...	...	...	3
Hanna...	379	163	166	155	106	85	137	225	1,169	4,460	6,294	2,572	15,911
Lacombe...	...	...	...	...	...	...	...	...	...	...	...	...	...
Trochu...	167	405	16	...	60	...	...	...	98	2,167	284	230	1,527
Three Hills...	512	302	1,886	1,113	100	61	147	200	919	1,422	1,013	517	8,192
Carbon...	3,686	3,488	2,079	64	715	2,165	496	3,813	4,607	5,527	6,425	5,342	38,407
Battle River...	112	50	59	5	...	5	1	9	14	72	172	163	662
Camrose...	2,335	1,496	1,126	560	215	49	145	856	1,753	3,330	4,198	4,683	20,746
Tofield...	15	4	5	6	2	...	...	...	...	2	...	19	53
Clover Bar...	13,536	7,200	6,940	7,504	4,961	3,964	3,706	2,863	8,875	14,194	13,127	13,090	99,960
Edmonton...	6,910	4,317	5,484	5,112	2,541	1,701	1,165	3,000	4,093	5,269	6,461	6,790	52,843
Strathcona...	237	108	74	46	17	...	...	...	...	24	406	387	1,299
Namoo...	476	265	95	...	62	96	70	157	407	468	429	422	2,947
Cardiff...	1,198	577	1,416	1,116	470	318	228	972	2,033	3,853	3,528	1,755	17,464
Wabamun...	3,203	1,770	2,378	1,673	2,476	458	342	611	1,932	3,705	3,648	3,225	25,421
Pembina...	5,138	2,932	3,700	1,701	2,456	2,671	2,513	3,744	4,034	5,026	4,631	4,309	42,855
Peace River...	...	...	...	...	...	...	...	...	...	...	...	...	...
Total	77,149	40,452	42,899	19,715	15,482	14,458	12,570	25,975	43,860	73,434	110,675	102,278	578,947

The following table shows the total sales of DOMESTIC Coal disposed of as Slack Coal by Districts during each month:

Districts	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Total
Lethbridge ...	2,229	936	678	240	195	279	422	695	1,420	2,163	3,975	2,495	15,727
Magrath .....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Milk River ...	1	4	3	.....	.....	.....	.....	.....	.....	.....	.....	.....	8
Taber	75	105	219	187	223	336	268	486	578	642	554	672	4,345
Bow Island ...	2	3	3	3	8	4	3	3	8	40	38	270	145
Medicine Hat ..	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	270
Aldersyde .....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	12
Gleichen .....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Drumheller ...	19,127	10,164	7,331	400	807	1,211	882	926	1,071	6,601	17,727	18,291	84,538
Rosedale	2,473	893	634	.....	.....	.....	.....	.....	221	710	2,931	2,840	10,702
Wayne	3,436	1,168	1,135	219	172	581	157	1,064	1,978	2,402	4,142	4,312	20,766
Big Valley	698	244	363	32	661	750	219	.....	331	888	445	162	4,793
Brooks .....	.....	.....	.....	2	.....	.....	.....	.....	.....	.....	.....	.....	4
Hanna	141	108	163	154	154	105	65	129	170	140	428	206	1,963
Lacombe	10	.....	.....	.....	.....	5	5	5	30	25	40	39	159
Trochu .....	.....	.....	.....	.....	.....	71	.....	.....	119	272	30	30	522
Three Hills ...	1,164	763	500	383	298	256	201	251	948	1,510	1,234	1,229	8,737
Carbon	1,273	1,301	914	12	272	1,026	218	1,399	1,886	2,184	2,303	2,390	15,178
Battle River ...	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	6	6
Camrose	1,050	558	439	395	322	158	257	402	603	1,163	1,422	1,102	7,871
Tofield .....	.....	492	1,905	778	522	262	252	231	173	189	164	.....	4,968
Clover Bar ...	9,077	3,271	1,498	2,349	2,519	2,158	2,352	1,393	5,858	10,774	8,679	9,300	59,228
Edmonton ...	5,123	2,930	2,945	3,107	1,694	1,104	840	2,062	2,525	3,444	4,208	5,090	35,072
Strathcona ...	269	77	24	.....	.....	.....	.....	.....	.....	30	57	51	508
Namoo	483	357	210	119	93	39	89	318	532	726	848	908	4,722
Cardiff	1,862	767	247	82	140	30	50	100	785	2,461	2,356	2,010	10,890
Wabamun ...	624	319	80	747	1,155	2,038	790	1,542	2,782	2,496	1,144	1,392	15,109
Pembina	721	494	382	352	354	386	326	449	943	1,041	1,095	992	7,535
Peace River ...	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Total	49,838	24,954	19,675	9,561	9,589	10,799	7,396	11,455	22,961	39,905	53,824	53,821	313,778

The following table shows the total sales of SUB-BITUMINOUS Coal disposed of as Lump Coal by Districts during each month:

Districts	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Total
Pincher Creek	164	69	135	50	40	19	40	40	215	259	259	234	1,524
High River	.....	.....	5	.....	.....	.....	.....	.....	.....	.....	.....	101	106
Calgary	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	34	69
Saunders	7,046	3,613	939	.....	.....	237	539	1,912	4,382	5,694	6,613	6,831	37,806
Yellowhead	6,556	3,568	608	361	1,068	1,165	1,631	1,649	5,796	9,442	9,428	9,628	50,900
Total	13,766	7,250	1,687	411	1,108	1,421	2,210	3,601	10,397	15,404	16,322	16,828	90,405

The following table shows the total sales of SUB-BITUMINOUS Coal disposed of as Mine Run Coal by Districts during each month:

Districts	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Total
Pincher Creek	777	245	211	291	323	641	1,507	277	2,075	1,071	534	461	8,413
High River	459	409	271	179	151	23	328	121	243	59	470	227	2,940
Calgary	.....	.....	18	.....	.....	.....	.....	.....	.....	148	33	15	214
Saunders	432	79	365	.....	.....	33	156	331	2,666	1,399	745	91	6,297
Yellowhead	41,507	58,748	50,946	54,354	27,260	7,134	4,489	3,350	7,745	16,009	18,331	28,206	318,079
Total	43,175	59,481	51,811	54,824	27,734	7,831	6,480	4,079	12,729	18,686	20,113	29,000	335,943

The following table shows the total sales of SUB-BITUMINOUS Coal disposed of as Nut Coal by Districts during each month:

Districts	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Total
Pincher Creek	22	10	16	7	5		3	18	76	99	91	88	435
High River													
Calgary									14		223	208	445
Saunders	45	20	24			8	40	137	232	744	1,222	989	3,461
Yellowhead	1,630	1,402	395	248	466	658	800	7,572	17,563	4,284	11,956	11,614	58,588
Total	1,697	1,432	435	255	471	666	843	7,727	17,885	5,127	13,492	12,899	62,929

The following table shows the total sales of SUB-BITUMINOUS Coal disposed of as Slack Coal by Districts during each month:

Districts	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Total
Pincher Creek	151	106	141	72	101	57	70	59	376	417	329	348	2,227
High River													
Calgary													
Saunders	3,934	1,874	293			90	251	709	1,178	2,176	32	3,240	32
Yellowhead	2,760	1,367	1,320	1,562	1,795	1,496	911	1,187	4,108	4,491	2,602	3,009	16,457
Total	6,845	3,347	1,754	1,634	1,896	1,643	1,232	1,955	5,662	7,084	5,675	6,597	45,324

The following table shows the total sales of BITUMINOUS Coal disposed of as Lump Coal by Districts during each month:

Districts	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Total
Crow's Nest P.	2,159	920	1,927	.....	.....	.....	.....	.....	.....	982	2,467	1,866	10,321
Canmore	155	432	376	.....	.....	.....	.....	.....	.....	386	481	654	2,484
Brazeau .....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Jasper Park	23	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Mountain Park	285	147	205	.....	.....	.....	.....	.....	.....	.....	.....	1	638
Total	2,622	1,499	2,508	.....	.....	.....	.....	.....	.....	1,368	2,948	2,521	13,466

The following table shows the total sales of BITUMINOUS Coal disposed of as Mine Run Coal by Districts during each month:

Districts	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Total
Crow's Nest P.	206,345	165,350	191,941	5,238	1,079	1,262	3	5,259	3,623	36,764	89,980	111,551	818,395
Canmore	24,480	24,138	24,963	.....	.....	.....	.....	.....	.....	9,586	15,450	18,779	117,396
Brazeau	44,607	50,141	71,261	.....	.....	.....	.....	.....	.....	84	159	5,044	171,296
Jasper Park	97	30	40	6	7	59	47	12	9	28	71	65	471
Mountain Park	74,055	69,110	109,123	.....	742	1,488	1,107	618	23	72	4,798	21,693	282,829
Total	349,584	308,769	397,328	5,244	1,828	2,809	1,157	5,889	3,655	46,534	110,458	157,132	1,390,387

The following table shows the total sales of BITUMINOUS Coal disposed of as Nut Coal by Districts during each month:

Districts	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Total
Crow's Nest P.	1,671	570	460	.....	.....	.....	.....	38	.....	346	593	1,320	4,998
Canmore	.....	.....	197	.....	.....	.....	.....	.....	.....	.....	44	.....	241
Brazeau	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Jasper Park	.....	.....	29	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Mountain Park	.....	2	31	.....	.....	.....	.....	.....	.....	.....	.....	.....	29
	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	33
Total	1,671	572	717	.....	.....	.....	.....	38	.....	346	637	1,320	5,301

The following table shows the total sales of BITUMINOUS Coal disposed of as Slack Coal by Districts during each month:

Districts	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Total
Crow's Nest P.	8,822	10,680	17,911	51	.....	.....	.....	94	.....	1,839	6,375	5,273	51,045
Canmore	98	215	281	.....	.....	.....	.....	.....	.....	.....	.....	424	1,018
Brazeau	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Jasper Park	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Mountain Park	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Total	8,920	10,895	18,192	51	.....	.....	.....	94	.....	1,839	6,375	5,697	52,063

THE MINES BRANCH

The following table shows the amount of DOMESTIC Coal disposed of as Lump Coal by Districts during each month for consumption in Alberta:

Districts	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Total
Lethbridge ...	11,272	6,933	9,755	1,334	1,130	1,124	1,383	1,742	2,639	6,521	12,182	14,101	70,116
Magrath ...	304	187	139	135	60	47	130	231	244	448	382	207	2,514
Milk River ...	323	323	333	147	77	128	106	170	279	746	609	356	3,694
Taber ...	1,309	738	831	532	742	372	480	149	1,410	1,995	1,129	1,340	11,027
Bow Island ...	307	241	201	106	64	71	78	152	314	924	531	348	3,337
Medicine Hat ...	...	...	...	...	...	...	...	...	110	144	801	376	1,431
Aldersyde ...	641	407	424	276	271	309	393	639	722	1,172	1,154	829	7,237
Gleichen ...	1,055	625	769	596	217	334	171	263	189	491	774	1,181	6,665
Drumheller ...	16,011	5,964	7,993	502	629	842	504	821	1,664	7,947	18,903	19,417	81,197
Rosedale ...	4,571	2,063	2,397	...	...	...	30	...	1,243	1,063	4,755	5,136	21,258
Wayne ...	4,534	1,493	2,416	207	127	614	526	1,090	4,074	4,641	5,187	6,473	31,402
Big Valley ...	1,088	335	34	396	14	...	...	9	88	259	674	802	3,699
Brooks ...	777	591	351	250	221	217	570	416	543	1,181	1,097	925	7,139
Hanna ...	1,112	1,028	465	654	557	395	345	465	811	1,596	1,404	834	9,666
Lacombe ...	400	217	53	29	7	13	...	18	121	254	556	619	2,287
Trochu ...	819	564	141	135	102	71	24	83	666	719	1,161	1,169	5,654
Three Hills ...	1,047	623	489	285	941	245	133	489	1,343	1,762	2,051	2,293	11,701
Carbon ...	1,047	1,193	521	97	291	891	491	1,952	3,699	4,493	4,297	3,952	22,924
Battle River ...	1,534	1,179	617	161	30	110	61	234	367	934	1,674	1,971	8,872
Camrose ...	5,325	2,082	1,049	678	233	357	515	675	1,548	2,691	4,889	5,809	25,851
Tofield ...	2,021	1,404	535	187	70	413	50	83	476	1,487	3,241	2,467	12,434
Clover Bar ...	23,187	11,331	5,742	4,057	2,847	5,814	6,546	1,815	10,500	12,827	18,179	19,508	122,353
Edmonton ...	9,575	4,440	2,979	1,552	624	198	167	533	2,581	5,123	5,999	9,723	43,494
Strathcona ...	1,412	713	269	77	28	...	...	...	...	50	707	995	4,251
Namoo ...	773	454	227	243	199	67	94	227	610	877	1,249	1,150	6,170
Cardiff ...	5,284	1,857	996	478	574	...	270	893	1,754	2,666	5,554	5,736	26,062
Wabamun ...	521	61	319	80	10	40	2,411	2,223	228	124	420	329	6,766
Pembina ...	1,090	518	398	4,004	1,368	402	1,777	439	783	915	1,386	1,507	14,497
Peace River ...	223	66	...	...	...	...	...	...	...	...	...	...	289
Total ...	97,589	47,630	40,443	17,198	11,433	13,074	17,255	15,811	39,006	64,050	100,945	109,553	573,987

The following table shows the amount of DOMESTIC Coal disposed of as Mine Run Coal by Districts during each month for consumption in Alberta.

Districts	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Total
Lethbridge...	237	205	361	355	212	96	130	136	1,160	557	406	540	4,395
Magrath...	297	250	238	105	166	175	237	143	296	686	569	334	3,496
Milk River...	77	84	94	65	75	229	89	382	329	316	365	553	2,658
Taber...	69	33	30	15	11	113	7	11	41	119	164	56	678
Bow Island...	211	89	93	430	1,191	2,541	2,325	1,938	3,343	832	2,044	327	15,364
Medicine Hat...	110	87	107	112	81	130	91	91	120	485	308	185	1,907
Aldersyde...	99	56	50	263	32	25	34	44	265	466	291	336	1,970
Gleichen...	...	32	10	2,050	50	48	...	83	161	286	179	199	3,098
Drumheller...	731	473	318	...	...	212	37	24	173	128	44	131	2,271
Rosedale...	74	28	246	...	...	199	79	106	86	44	100	93	1,055
Wayne...	407	283	1,150	1,097	2,283	136	118	377	1,669	919	1,771	2,188	12,398
Big Valley...	163	99	82	22	4	7	14	19	58	106	212	133	919
Brooks...	349	547	551	261	105	84	91	142	404	994	897	889	5,314
Hanna...	1,347	1,194	682	927	193	165	138	171	500	922	2,163	1,703	10,105
Lacombe...	546	539	215	156	...	30	8	54	150	120	318	644	2,780
Three Hills...	2,788	2,737	2,117	3,793	3,488	2,933	574	184	383	380	160	637	20,174
Carbon...	301	201	161	231	97	11	...	169	306	481	638	500	3,096
Battle River...	1,101	811	430	110	19	...	61	91	352	562	1,165	1,834	6,536
Camrose...	1,412	1,112	765	881	645	956	725	600	1,511	993	1,891	643	12,134
Tofield...	429	198	1,064	704	903	526	818	536	629	525	608	1,748	8,688
Clover Bar...	990	4,453	7,477	4,772	2,580	2,124	2,380	1,879	2,144	375	396	496	30,066
Edmonton...	...	...	...	...	...	...	...	...	15	...	...	23	38
Srathcona...	5	...	...	...	5	34	...	...	65	182	70	172	533
Namoo...	832	345	362	150	...	...	64	86	105	382	304	464	3,094
Cardiff...	463	1,439	5,053	6,898	6,802	3,572	3,828	3,613	3,505	64	40	347	35,624
Wabamun...	...	138	2,111	1,712	1,854	1,138	3,273	2,127	31	...	31	...	12,415
Pembina...	...	...	...	...	...	...	...	11	...	...	...	4	15
Peace River...	52	58	226	30	...	...	...	...	...	...	144	117	627
Total	13,090	15,491	24,011	25,139	20,756	15,484	15,121	13,017	17,801	10,924	15,278	15,296	201,448

THE MINES BRANCH

The following table shows the amount of DOMESTIC Coal disposed of as Nut Coal by Districts during each month for consumption in Alberta:

Districts	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Total
Lethbridge...	2,986	1,327	2,122	40	30	41	107	1,104	932	1,771	5,018	6,422	21,900
Magrath...	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Milk River...	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Taber...	177	85	134	265	260	412	350	242	519	517	709	662	4,332
Bow Island...	7	8	2	.....	1	.....	.....	.....	.....	8	16	4	46
Medicine Hat...	18	19	.....	.....	.....	.....	.....	.....	.....	301	1,247	80	1,700
Aldersyde...	61	20	17	10	11	13	25	46	23	108	70	54	499
Gleichen...	.....	.....	.....	18	.....	1	1	2	5	3	3	4	21
Drumheller...	4,424	2,394	3,106	226	159	456	276	616	593	2,312	5,361	6,063	25,986
Rosedale...	337	236	93	.....	.....	.....	.....	.....	.....	.....	114	319	1,099
Wayne...	1,946	715	873	3	.....	234	508	444	1,695	1,675	2,176	2,957	13,226
Big Valley...	1,030	293	57	.....	93	.....	.....	.....	90	95	232	155	2,045
Brooks...	.....	.....	.....	3	.....	.....	.....	.....	.....	.....	.....	.....	.....
Hanna...	347	163	166	155	106	85	137	225	643	2,639	2,748	1,591	9,005
Lacombe...	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Trochu...	77	147	16	.....	60	.....	.....	.....	.....	142	254	230	926
Three Hills...	354	222	1,287	1,113	100	.....	115	100	557	790	731	378	5,808
Carbon...	1,068	1,181	1,080	8	417	1,001	363	2,090	2,849	3,033	2,903	1,930	17,923
Battle River...	112	50	59	5	.....	5	1	9	14	72	172	163	662
Camrose...	1,543	981	1,126	299	184	49	63	360	883	1,825	2,468	3,529	13,310
Tofield...	15	4	5	6	2	.....	.....	.....	.....	2	.....	19	53
Clover Bar...	12,455	6,945	6,308	5,992	3,395	3,066	2,477	2,002	4,511	8,661	8,861	8,514	73,187
Edmonton...	6,910	4,317	5,484	5,112	2,541	1,701	1,165	3,000	4,093	5,167	6,431	6,790	52,711
Strathcona...	237	108	74	46	17	.....	.....	.....	.....	24	406	387	1,299
Namoo...	476	265	95	.....	62	31	70	95	220	311	366	358	2,349
Cardiff...	873	324	1,285	1,083	405	318	228	716	1,493	2,796	2,993	1,499	13,313
Wabamun...	356	330	757	200	270	167	220	406	371	1,343	2,656	1,025	8,101
Pembina...	2,749	1,065	986	412	1,604	1,137	955	1,531	597	1,148	1,125	1,050	14,359
Peace River...	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Total	38,558	21,199	25,132	14,997	9,718	8,778	7,061	12,990	20,144	34,743	46,360	44,183	283,863

The following table shows the amount of DOMESTIC Coal disposed of as Slack Coal by Districts during each month for consumption in Alberta:

Districts	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Total
Lethbridge	1,335	888	566	240	195	279	343	695	850	1,631	3,506	2,019	12,547
Magrath	1	4	3	...	...	...	...	...	...	...	...	...	8
Milk River	75	105	219	187	223	336	268	411	490	313	...	52	2,679
Taber	2	3	3	3	8	4	3	3	8	40	38	30	145
Bow Island	...	...	...	...	...	...	...	...	...	...	...	270	270
Medicine Hat	...	...	...	...	...	...	...	...	...	4	4	4	12
Aldersyde	...	...	...	...	...	...	...	...	...	...	...	...	...
Gleichen	...	...	...	...	...	...	...	...	...	...	...	...	...
Drumheller	10,687	5,372	3,360	400	775	1,104	882	926	1,071	4,831	10,738	10,307	50,453
Rosedale	785	261	634	...	...	...	...	...	221	528	1,682	1,690	5,801
Wayne	2,093	682	556	219	172	304	128	953	1,524	1,177	2,046	2,046	12,495
Big Valley	572	211	363	32	661	750	219	...	331	444	140	162	3,885
Brooks	...	...	2	2	...	...	...	...	...	...	...	...	4
Hanna	141	108	64	88	88	105	65	129	72	...	...	72	1,159
Lacombe	10	...	...	...	...	5	5	5	30	25	40	39	159
Trochu	...	...	...	...	...	71	...	...	119	163	30	30	413
Three Hills	1,164	763	500	383	298	256	201	251	948	1,270	1,234	1,229	8,497
Carbon	860	954	226	12	193	651	155	162	774	709	347	696	5,739
Battle River	...	...	...	...	...	...	...	...	...	...	...	6	6
Camrose	956	558	439	395	322	158	257	352	570	1,033	1,195	1,102	7,337
Tofield	...	230	987	513	262	134	60	...	...	...	42	...	2,228
Clover Bar	9,077	3,271	1,498	2,349	2,519	2,158	2,352	1,345	5,507	10,003	7,958	8,573	56,610
Cardiff	5,123	2,930	2,945	3,107	1,694	1,104	840	2,062	2,525	3,444	4,208	5,090	35,072
Edmonton	...	...	...	...	...	...	...	...	...	...	...	...	...
Srathcona	269	77	24	...	...	...	...	...	...	30	57	51	508
Namoo	483	357	210	119	93	39	89	318	486	675	848	908	4,625
Wabamun	1,680	707	54	82	140	30	50	100	685	2,461	2,356	2,010	10,355
Wabamun	491	319	80	500	319	822	340	192	1,285	944	...	44	5,336
Pembina	721	...	...	...	1	...	...	10	...	...	121	500	1,353
Peace River	...	...	...	...	...	...	...	...	...	...	...	...	...
Total	36,525	17,800	12,733	8,631	7,963	8,310	6,257	7,914	17,496	29,822	36,720	37,525	227,696

The following table shows the amount of SUB-BITUMINOUS Coal disposed of as Lump Coal during each month for consumption in Alberta:

Districts	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Total
Pincher Creek	164	69	135	50	40	19	40	40	215	259	259	234	1,524
High River...	.....	.....	5	.....	.....	.....	.....	.....	.....	.....	.....	101	106
Calgary .....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	34	69
Saunders	986	435	392	.....	.....	140	119	225	605	991	1,279	1,358	6,530
Yellowhead ..	394	279	146	63	121	.....	64	107	296	479	669	502	3,120
Total	1,544	783	678	113	161	159	223	372	1,120	1,738	2,229	2,229	11,349

The following table shows the amount of SUB-BITUMINOUS Coal disposed of as Mine Run Coal during each month for consumption in Alberta:

Districts	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Total
Pincher Creek	595	183	181	186	323	641	1,457	170	1,794	688	476	431	7,125
High River ..	459	409	271	179	151	23	328	121	243	59	470	227	2,940
Calgary .....	.....	.....	18	.....	.....	.....	.....	.....	.....	148	33	15	214
Saunders	196	48	365	.....	.....	.....	67	177	1,995	1,017	354	91	4,310
Yellowhead ..	538	241	127	231	418	1,376	126	1,162	944	406	407	504	6,480
Total	1,788	881	962	596	892	2,040	1,978	1,630	4,976	2,318	1,740	1,268	21,069

The following table shows the amount of SUB-BITUMINOUS Coal disposed of as Nut Coal during each month for consumption in Alberta:

Districts	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Total
Pincher Creek	22	10	16	7	5	.....	3	18	76	99	91	88	435
High River	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Calgary	45	20	24	.....	.....	.....	40	42	14	114	223	208	445
Saunders	81	228	305	86	104	293	142	1,296	48	2,206	400	502	1,333
Yellowhead	.....	.....	.....	.....	.....	.....	.....	.....	6,747	.....	216	335	12,039
Total	148	258	345	93	109	301	185	1,356	6,885	2,419	1,020	1,133	14,252

The following table shows the amount of SUB-BITUMINOUS Coal disposed of as Slack Coal during each month for consumption in Alberta:

Districts	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Total
Pincher Creek	151	106	141	72	101	57	70	59	376	417	329	348	2,227
High River	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Calgary	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Saunders	2,934	1,570	293	.....	.....	33	69	450	913	974	32	.....	32
Yellowhead	967	749	581	1,084	1,757	1,496	539	860	2,941	2,069	972	2,173	10,381
Total	4,052	2,425	1,015	1,156	1,858	1,586	678	1,369	4,230	3,460	1,773	3,090	26,692

The following table shows the amount of BITUMINOUS Coal disposed of as Lump Coal during each month for consumption in Alberta:

Districts	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Total
Crow's Nest P.	1,322	646	1,263							686	1,608	1,174	6,699
Canmore	155	432	376							386	409	644	2,402
Brazeau													
Jasper Park													
Mountain Park	253	147	205									1	606
Total	1,730	1,225	1,844							1,072	2,017	1,819	9,707

The following table shows the amount of BITUMINOUS Coal disposed of as Mine Run Coal during each month for consumption in Alberta:

Districts	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Total
Crow's Nest P.	5,016	2,241	5,098	582	224	924	3	2,894	2,002	3,384	3,562	4,226	30,156
Canmore	487	287	1,875							109	370	752	3,880
Brazeau	446	314	350							84	159	232	1,585
Jasper Park	97	30	40	6	7	6		12	9	28	71	65	371
Mountain Park	454	464	325		163	163	63	90	23	72	211	534	2,562
Total	6,500	3,336	7,688	588	394	1,093	66	2,996	2,034	3,677	4,373	5,809	38,554

The following table shows the amount of BITUMINOUS Coal disposed of as Nut Coal during each month for consumption in Alberta:

Districts	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Total
Crow's Nest P.	151	104	176							68	50	811	1,360
Canmore			95										95
Brazeau													
Jasper Park													
Mountain Park		2	31										33
Total	151	106	302							68	50	811	1,488

The following table shows the amount of BITUMINOUS Coal disposed of as Slack Coal during each month for consumption in Alberta:

Districts	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Total
Crow's Nest P.	5,384	5,420	5,050	51		338				618	2,040	2,201	20,764
Canmore												424	424
Brazeau													
Jasper Park													
Mountain Park													
Total	5,384	5,420	5,050	51		338				618	2,040	2,625	21,188

THE MINES BRANCH

The following table shows the amount of DOMESTIC Coal disposed of as Lump Coal by Districts during each month for consumption in British Columbia:

Districts	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Total
Lethbridge	3,953	1,367	1,467		97		118	580	1,316	1,312	3,153	3,383	16,746
Magrath													
Milk River													
Taber	129		66	44		278	182	337	522	713	563	735	3,569
Bow Island													
Medicine Hat													
Aldersyde													
Gleichen													
Drumheller	4,523	384	802		39			183	167	1,200	2,723	3,027	13,048
Rosedale	85		33							32	138	137	425
Wayne	271	98	95	33			109	612	733	601	196	227	2,975
Big Valley													
Brooks													
Hanna	33												33
Lacombe													
Trochu	120		40	30	120								
Three Hills	41			43	64	33			64		70	140	584
Carbon	112	46					35	138	42	455	183	108	1,107
Battle River								331	34	186	72	175	991
Camrose													
Tofield													
Clover Bar	150			16					37	65	33	73	366
Edmonton										80		65	80
Strathcona													
Namoo													
Cardiff													
Wabamun	603	163	69	194		32	32		128	264	195	359	2,039
Pembina	435	297	33	127	1,161	1,477	66	70	387	512	943	1,082	6,590
Peace River													
Total	10,455	2,355	2,605	487	1,481	1,820	542	2,251	3,430	5,865	8,269	9,646	49,206

The following table shows the amount of DOMESTIC Coal disposed of as Mine Run Coal by Districts during each month for consumption in British Columbia:

Districts	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Total
Lethbridge
Magrath
Milk River	169	.....	.....	.....	.....	.....	169
Taber
Bow Island
Medicine Hat	206	31	62	.....	.....	30	48	1,032	245	48	1,283	.....	2,985
Aldersyde
Gleichen	60	.....	60
Drumheller
Rosedale
Wayne
Big Valley
Brooks
Hanna
Lacombe
Trochu	42	42
Three Hills
Carbon
Battle River
Canrose
Tofield
Clover Bar
Edmonton
Strathcona
Namoo
Cardiff
Wabamun
Pembina
Peace River
Total	206	31	62	.....	.....	30	217	1,032	245	48	1,343	42	3,256

The following table shows the amount of DOMESTIC Coal disposed of as Nut Coal by Districts during each month for consumption in British Columbia:

THE MINES BRANCH											
Districts	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Total
Léthbridge . . .	603	197	494	.....	.....	34	.....	277	149	400	4,281
Magrath . . .	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Milk River . . .	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Taber	116	.....	33	.....	66	33	33	66	176	229	1,173
Bow Island . . .	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Medicine Hat . .	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Aldersyde . . .	.....	.....	.....	.....	.....	.....	.....	.....	.....	158	158
Gleichen . . . .	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Drumheller . . .	601	127	64	.....	.....	.....	.....	33	.....	229	1,902
Rosedale . . . .	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Wayne	31	.....	.....	.....	.....	.....	.....	33	137	82	427
Big Valley . . .	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Brooks . . . . .	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Hanna . . . . .	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Lacombe . . . .	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Trochu	60	.....	.....	.....	.....	.....	.....	.....	.....	.....	66
Three Hills . . .	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Carbon . . . . .	.....	.....	.....	.....	32	.....	.....	.....	35	115	60
Battle River . . .	.....	.....	.....	.....	.....	.....	.....	34	33	65	150
Camrose . . . . .	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	164
Tofield . . . . .	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Clover Bar . . .	.....	.....	.....	49	.....	.....	.....	.....	.....	31	111
Edmonton . . .	.....	.....	.....	.....	.....	.....	.....	.....	.....	34	34
Strathcona . . .	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Namoo . . . . .	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Cardiff . . . . .	.....	.....	.....	.....	.....	63	.....	.....	.....	.....	.....
Wabamun	187	133	1,256	155	.....	496	.....	64	195	184	2,598
Pembina	536	1,730	2,385	351	169	.....	.....	1,256	1,000	993	12,076
Peace River . . .	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Total	2,134	2,187	4,232	555	267	626	255	1,763	1,725	2,520	23,200

The following table shows the amount of DOMESTIC Coal disposed of as Slack Coal by Districts during each month for consumption in British Columbia:

Districts	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Total
Lethbridge
Magrath
Milk River
Taber
Bow Island
Medicine Hat
Aldersyde
Gleichen
Drumheller	35
Rosedale
Wayne	32	.....	.....	.....	.....	.....	.....	.....	.....	.....	32
Big Valley
Brooks
Hanna
Lacombe
Trochu
Three Hills
Carbon
Battle River
Camrose
Tofield
Clover Bar
Edmonton
Srathcona
Namoo
Cardiff
Wabamun
Pembina	178	566
Peace River
Total	32	.....	.....	.....	.....	.....	.....	.....	423	178	633

The following table shows the amount of SUB-BITUMINOUS Coal disposed of as Lump Coal by Districts during each month for consumption in British Columbia:

Districts	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Total
Pincher Creek	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
High River	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Calgary	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Saunders	109	131	104	.....	.....	64	.....	97	248	318	313	168	1,552
Yellowhead	602	226	389	.....	101	61	30	.....	174	629	561	470	3,243
Total	711	357	493	.....	101	125	30	97	422	947	874	638	4,795

The following table shows the amount of SUB-BITUMINOUS Coal disposed of as Mine Run Coal by Districts during each month for consumption in British Columbia:

Districts	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Total
Pincher Creek	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
High River	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Calgary	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Saunders	32	31	.....	.....	.....	.....	32	.....	48	.....	31	.....	174
Yellowhead	608	428	205	197	235	193	271	274	166	390	427	253	3,647
Total	730	521	235	257	235	193	353	381	214	390	490	283	4,282

The following table shows the amount of SUB-BITUMINOUS Coal disposed of as Nut Coal by Districts during each month for consumption in British Columbia:

Districts	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Total
Pincher Creek	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
High River	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Calgary	.....	.....	.....	.....	.....	.....	.....	.....	.....	33	.....	33	66
Saunders	.....	.....	.....	.....	33	33	30	269	207	227	313	340	2,231
Yellowhead	424	221	90	44	33	33	30	269	207	260	313	373	2,297
Total	424	221	90	44	33	33	30	269	207	260	313	373	2,297

The following table shows the amount of SUB-BITUMINOUS Coal disposed of as Slack Coal by Districts during each month for consumption in British Columbia:

Districts	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Total
Pincher Creek	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
High River	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Calgary	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Saunders	.....	.....	.....	.....	.....	.....	56	53	.....	.....	.....	.....	225
Yellowhead	42	74	.....	.....	.....	.....	56	53	.....	.....	.....	.....	225
Total	42	74	.....	.....	.....	.....	56	53	.....	.....	.....	.....	225

The following table shows the amount of BITUMINOUS Coal disposed of as Lump Coal by Districts during each month for consumption in British Columbia:

Districts	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Total
Crow's Nest P.	92	95	261							129	176	304	1,057
Canmore											72		72
Brazeau													
Jasper Park													
Mountain Park													
Total	92	95	261							129	248	304	1,129

The following table shows the amount of BITUMINOUS Coal disposed of as Mine Run Coal by Districts during each month for consumption in British Columbia:

Districts	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Total
Crow's Nest P.	2,478	3,390	4,507	155				573	723	961	1,608	3,664	18,059
Canmore	46	47	92									40	225
Brazeau													
Jasper Park							47						47
Mountain Park	381	1,252	1,123		261	521	685	356			1,051	561	6,191
Total	2,905	4,689	5,722	155	261	521	732	929	723	961	2,659	4,265	24,522

The following table shows the amount of BITUMINOUS Coal disposed of as Nut Coal by Districts during each month for consumption in British Columbia:

Districts	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Total
Crow's Nest P.	3	.....	.....	.....	.....	.....	.....	.....	.....	67	34	33	137
Canmore	.....	.....	64	.....	.....	.....	.....	.....	.....	.....	44	.....	108
Brazeau	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Jasper Park	.....	.....	29	.....	.....	.....	.....	.....	.....	.....	.....	.....	29
Mountain Park	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Total	3	.....	93	.....	.....	.....	.....	.....	.....	67	78	33	274

The following table shows the amount of BITUMINOUS Coal disposed of as Slack Coal by Districts during each month for consumption in British Columbia:

Districts	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Total
Crow's Nest P.	48	319	367
Canmore
Brazeau
Jasper Park
Mountain Park
Total	48	319	367

THE MINES BRANCH

The following table shows the amount of DOMESTIC Coal disposed of as Lump Coal by Districts during each month for consumption in Saskatchewan:

Districts	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Total
Lethbridge	27,613	13,042	15,167	.....	340	637	1,175	5,026	7,253	14,012	31,240	31,856	147,361
Magrath	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Milk River	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Taber	712	232	97	344	2,017	2,293	1,629	2,816	3,702	4,044	5,870	5,530	29,286
Bow Island	.....	.....	.....	.....	.....	.....	.....	.....	.....	33	60	.....	93
Medicine Hat	114	.....	.....	.....	.....	.....	.....	.....	.....	486	6,049	920	7,569
Aldersyde	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Gleichen	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Drumheller	39,887	15,485	15,444	190	326	1,785	2,038	3,168	6,632	25,747	69,180	54,105	233,987
Rosedale	14,231	4,786	2,778	.....	58	.....	.....	.....	.....	3,952	16,004	11,875	53,684
Wayne	15,464	5,160	6,207	33	191	1,306	1,847	5,503	13,530	21,870	36,470	35,912	143,493
Big Valley	1,615	121	48	36	2,283	32	.....	128	838	1,068	1,461	596	8,226
Brooks	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Hanna	129	95	63	66	.....	33	33	99	300	895	804	495	3,012
Lacombe	.....	.....	.....	.....	.....	.....	.....	.....	.....	88	88	.....	176
Trochu	40	235	.....	.....	.....	.....	.....	.....	286	293	.....	380	1,234
Three Hills	200	75	.....	158	185	63	.....	.....	263	711	269	277	2,201
Carbon	1,664	1,070	1,346	101	357	869	357	1,745	988	1,636	2,307	1,540	14,070
Battle River	.....	.....	95	.....	.....	.....	.....	.....	.....	.....	.....	.....	95
Camrose	723	810	750	601	31	32	62	294	1,396	2,358	4,001	2,566	13,624
Tofield	4,835	1,903	595	94	563	33	192	691	1,983	9,961	11,934	3,777	36,561
Clover Bar	3,820	815	692	684	2,484	1,349	1,217	854	4,825	10,544	8,625	5,826	41,735
Edmonton	520	352	94	275	273	134	132	108	.....	868	940	221	3,917
Srathcona	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Namoo	33	.....	.....	.....	.....	32	64	301	95	284	.....	196	1,005
Cardiff	741	257	130	102	31	.....	.....	1,020	1,576	2,818	2,354	705	9,734
Wabamun	512	99	.....	1,578	1,296	.....	128	.....	721	930	473	446	6,183
Pembina	437	527	69	173	365	167	103	304	2,018	2,930	1,979	1,733	10,805
Peace River	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Total	113,290	45,064	43,665	4,435	10,800	8,765	8,977	22,057	46,406	105,528	200,108	158,956	768,051

The following table shows the amount of DOMESTIC Coal disposed of as Mine Run Coal by Districts during each month for consumption in Saskatchewan:

Districts	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Total
Lethbridge	.....	.....	.....	.....	.....	.....	.....	32	.....	.....	.....	.....	32
Magrath	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Milk River	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	312	.....	312
Taber	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Bow Island	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Medicine Hat	1,256	482	420	495	410	842	1,621	1,914	3,206	113	4,060	802	15,621
Aldersyde	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Gleichen	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Drumheller	.....	.....	.....	646	.....	.....	.....	.....	.....	.....	.....	.....	646
Rosedale	265	99	370	.....	.....	125	520	733	905	1,238	1,275	762	6,292
Wayne	.....	.....	.....	.....	.....	31	100	65	.....	.....	.....	.....	196
Big Valley	480	375	2,625	605	.....	366	.....	.....	655	3,483	2,816	1,939	13,344
Brooks	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Hanna	.....	.....	200	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Lacombe	90	.....	.....	30	.....	.....	.....	30	30	120	63	33	200
Trochu	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Three Hills	66	.....	.....	.....	.....	.....	.....	.....	.....	.....	558	38	662
Carbon	78	32	.....	.....	.....	.....	.....	.....	.....	.....	.....	92	202
Battle River	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Camrose	182	128	480	245	406	448	465	85	56	78	.....	97	2,733
Tofeld	2,450	1,629	2,175	697	621	654	1,095	985	1,140	1,144	2,512	3,581	18,683
Clover Bar	.....	.....	935	36	38	.....	.....	.....	138	.....	.....	.....	1,147
Edmonton	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Strathcona	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Namoo	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Cardiff	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Wabamun	.....	.....	467	.....	.....	1,148	.....	.....	.....	.....	.....	.....	1,615
Pembina	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Peace River	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Total	4,867	2,745	7,672	2,754	1,475	3,614	3,801	3,844	6,130	6,176	11,659	7,344	62,081

THE MINES BRANCH

The following table shows the amount of DOMESTIC Coal disposed of as Nut Coal by Districts during each month for consumption in Saskatchewan:

Districts	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Total
Lethbridge...	4,776	3,131	4,944	.....	.....	.....	33	2,558	2,560	3,310	10,637	11,020	42,969
Magrath.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Milk River...	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Taber.....	75	33	33	64	549	814	639	938	1,139	866	843	741	6,734
Bow Island...	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Medicine Hat..	100	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Aldersyde.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Gleichen.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Drumheller...	5,844	2,747	2,568	.....	.....	558	1,036	1,017	1,610	4,206	10,817	9,124	39,527
Rosedale.....	365	223	550	.....	.....	.....	.....	.....	.....	220	548	611	2,517
Wayne.....	2,689	1,024	1,196	.....	.....	90	259	797	2,071	3,757	6,532	4,204	22,619
Big Valley....	888	819	.....	.....	.....	.....	.....	.....	117	347	.....	.....	2,171
Brooks.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Hanna.....	32	.....	.....	.....	.....	.....	.....	.....	526	1,414	2,696	877	5,545
Lacombe.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Trochu.....	30	30	599	.....	.....	.....	.....	.....	.....	33	.....	.....	60
Three Hills...	.....	.....	999	.....	.....	.....	.....	.....	34	.....	.....	139	805
Carbon.....	951	845	.....	56	204	895	133	967	1,138	1,610	965	497	9,270
Battle River..	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Camrose.....	760	515	.....	228	31	.....	82	496	870	1,095	1,453	1,079	6,609
Tofield.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Clover Bar....	736	99	545	1,304	1,251	774	393	669	2,991	3,595	2,766	3,460	18,583
Edmonton.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	68	.....	.....	68
Strathcona...	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Namoo.....	.....	.....	.....	.....	.....	32	.....	.....	33	30	.....	32	158
Cardiff.....	259	127	67	33	33	.....	.....	31	251	444	689	256	2,356
Wabamun.....	2,398	1,178	.....	1,279	1,734	228	122	64	780	876	319	1,343	10,321
Pembina.....	635	74	160	677	483	974	1,006	191	1,040	1,165	970	294	7,669
Peace River...	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Total.....	20,538	10,845	11,661	3,641	4,285	4,365	3,703	7,925	15,170	23,130	39,756	33,744	178,763

The following table shows the amount of DOMESTIC Coal disposed of as Slack Coal by Districts during each month for consumption in Saskatchewan:

Districts	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Total
Lethbridge ...	894	48	112	...	...	...	79	...	570	532	469	476	3,180
Magrath ...	...	...	...	...	...	...	...	...	...	...	...	...	...
Milk River ...	...	...	...	...	...	...	...	...	...	...	...	...	...
Taber ...	...	...	...	...	...	...	...	75	88	329	554	620	1,666
Bow Island ...	...	...	...	...	...	...	...	...	...	...	...	...	...
Medicine Hat ...	...	...	...	...	...	...	...	...	...	...	...	...	...
Aldersyde ...	...	...	...	...	...	...	...	...	...	...	...	...	...
Gleichen ...	...	...	...	...	...	...	...	...	...	...	...	...	...
Drumheller ...	7,570	4,483	3,819	...	32	107	...	...	...	1,599	6,298	7,887	31,795
Rosedale ...	1,450	632	...	...	...	...	...	...	...	182	1,139	1,044	4,447
Wayne ...	847	422	482	...	...	277	29	78	454	1,044	1,893	1,608	7,134
Big Valley ...	126	33	...	...	...	...	...	...	...	444	265	...	868
Brooks ...	...	...	...	...	...	...	...	...	...	...	...	...	...
Hanna ...	...	...	99	66	66	...	...	...	98	43	298	134	804
Lacombe ...	...	...	...	...	...	...	...	...	...	...	...	...	...
Trochu ...	...	...	...	...	...	...	...	...	...	...	...	...	...
Three Hills ...	...	...	...	...	...	...	...	...	...	240	...	...	240
Carbon ...	370	347	688	...	79	375	...	366	742	1,125	1,908	1,229	7,229
Battle River ...	...	...	...	...	...	...	...	...	...	...	...	...	...
Camrose ...	63	...	...	...	...	...	...	...	33	130	227	...	503
Tofield ...	...	262	918	265	260	128	192	231	173	189	122	...	2,740
Clover Bar ...	...	...	...	...	...	...	...	48	351	771	721	727	2,618
Edmonton ...	...	...	...	...	...	...	...	...	...	...	...	...	...
Strathcona ...	...	...	...	...	...	...	...	...	...	...	...	...	...
Namoo ...	...	...	...	...	...	...	...	...	46	51	...	...	97
Cardiff ...	182	60	193	...	...	...	...	...	100	...	...	...	535
Wabamun ...	133	...	247	...	836	1,216	450	1,350	1,497	1,552	1,144	1,348	9,773
Pembina ...	...	...	...	...	...	...	...	99	330	547	586	314	1,876
Peace River ...	...	...	...	...	...	...	...	...	...	...	...	...	...
Total ...	11,635	6,287	6,311	578	1,273	2,103	750	2,297	4,482	8,778	15,624	15,387	75,505

The following table shows the amount of SUB-BITUMINOUS Coal disposed of as Lump Coal by Districts during each month for consumption in Saskatchewan:

Districts	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Total
Pincher Creek	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
High River	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Calgary	1,769	1,001	443	.....	.....	33	387	1,062	2,481	2,701	3,073	2,753	15,703
Saunders	1,281	365	33	105	328	498	706	564	1,857	4,144	3,229	2,495	15,605
Yellowhead	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Total	3,050	1,366	476	105	328	531	1,093	1,626	4,338	6,845	6,302	5,248	31,308

The following table shows the amount of SUB-BITUMINOUS Coal disposed of as Mine Run Coal by Districts during each month for consumption in Saskatchewan:

Districts	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Total
Pincher Creek	92	.....	.....	45	.....	.....	.....	.....	281	383	26	.....	827
High River	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Calgary	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Saunders	78	.....	.....	.....	.....	33	57	154	591	382	237	.....	1,532
Yellowhead	398	149	322	96	1,159	637	765	1,715	1,332	1,240	175	323	8,311
Total	568	149	322	141	1,159	670	822	1,869	2,204	2,005	438	323	10,670

The following table shows the amount of SUB-BITUMINOUS Coal disposed of as Nut Coal by Districts during each month for consumption in Saskatchewan:

Districts	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Total
Pincher Creek													
High River													
Calgary								63	61	259	382	190	955
Saunders	355	139			76	66	466	318	1,529	857	387	370	4,563
Yellowhead													
Total	355	139			76	66	466	381	1,590	1,116	769	560	5,518

The following table shows the amount of SUB-BITUMINOUS Coal disposed of as Slack Coal by Districts during each month for consumption in Saskatchewan:

Districts	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Total
Pincher Creek													
High River													
Calgary	438	40				57	150	200	235	987	1,068	793	3,968
Saunders	369	114	642	402	38		63	97	189	890	265	106	3,175
Yellowhead													
Total	807	154	642	402	38	57	213	297	424	1,877	1,333	899	7,143

The following table shows the amount of BITUMINOUS Coal disposed of as Lump Coal by Districts during each month for consumption in Saskatchewan:

Districts	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Total
Crow's Nest P.	434	132	33							167	409	149	1,324
Canmore													
Brazeau													
Jasper Park													
Mountain Park	32												32
Total	466	132	33							167	409	149	1,356

The following table shows the amount of BITUMINOUS Coal disposed of as Mine Run Coal by Districts during each month for consumption in Saskatchewan:

Districts	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Total
Crow's Nest P.	6,442	4,151	4,680	1,054	855	338		1,665	814	4,104	5,030	4,621	33,754
Canmore	57	105	273							165	347	48	995
Brazeau													
Jasper Park													
Mountain Park	1,045	342	343		39	38		172			1,382	705	4,066
Total	7,544	4,598	5,296	1,054	894	376		1,837	814	4,269	6,759	5,374	38,815

The following table shows the amount of BITUMINOUS Coal disposed of as Nut Coal by Districts during each month for consumption in Saskatchewan:

Districts	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Total
Crow's Nest P.	1,078	307	173	.....	.....	.....	.....	.....	.....	178	473	398	2,607
Canmore	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Brazeau	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Jasper Park	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Mountain Park	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Total	1,078	307	173	.....	.....	.....	.....	.....	.....	178	473	398	2,607

The following table shows the amount of BITUMINOUS Coal disposed of as Slack Coal by Districts during each month for consumption in Saskatchewan:

Districts	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Total
Crow's Nest P.	361	197	6,509	.....	.....	.....	.....	.....	.....	191	193	520	7,971
Canmore	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Brazeau	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Jasper Park	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Mountain Park	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Total	361	197	6,509	.....	.....	.....	.....	.....	.....	191	193	520	7,971

THE MINES BRANCH

The following table shows the amount of DOMESTIC Coal disposed of as Lump Coal by Districts during each month for consumption in Manitoba:

Districts	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Total
Lethbridge...	4,789	4,280	1,402	.....	.....	.....	35	287	444	737	4,273	4,267	20,514
Magrath .....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Milk River .....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Taber	843	48	44	33	264	166	213	316	531	932	1,416	1,458	6,264
Bow Island .....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Medicine Hat .....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Aldersyde .....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	842	1,023
Gleichen .....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Drumheller	39,197	14,168	3,644	28	63	163	176	542	853	8,908	27,255	39,981	134,978
Rosedale	6,768	1,898	637	.....	.....	.....	.....	.....	.....	1,526	6,795	8,428	26,052
Wayne	10,977	3,322	1,100	33	96	259	529	828	4,340	6,097	8,531	14,134	50,246
Big Valley	1,058	175	.....	119	.....	.....	.....	.....	384	819	350	605	3,510
Brooks .....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Hanna .....	.....	.....	.....	.....	.....	.....	.....	.....	77	769	1,358	396	2,600
Lacombe .....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Trochu	1,009	848	.....	.....	.....	.....	.....	.....	.....	249	182	217	2,505
Three Hills	1,624	1,009	.....	.....	93	97	109	477	1,408	2,210	2,318	1,782	11,127
Carbon	1,737	1,676	981	.....	32	552	101	365	653	806	1,169	1,653	9,725
Battle River .....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	388	98	486
Camrose	181	40	.....	.....	.....	.....	.....	.....	130	787	1,160	499	2,797
Tofield	3,749	1,254	1,554	1,362	225	693	32	130	920	2,921	2,253	5,099	20,192
Clover Bar	836	349	283	819	953	273	310	672	2,729	5,290	4,167	3,951	20,632
Edmonton .....	.....	.....	.....	.....	.....	154	363	42	.....	.....	520	130	1,209
Strathcona .....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Namoo .....	.....	.....	.....	.....	.....	.....	64	94	223	125	31	.....	537
Cardiff	242	95	30	.....	33	.....	.....	130	140	2,252	2,165	620	5,707
Wabamun	180	97	32	32	337	.....	.....	72	595	958	795	813	3,911
Pembina .....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Peace River	2,070	842	.....	33	1,297	363	128	208	2,385	2,984	3,037	2,329	15,676
Total	75,260	30,101	9,707	2,459	3,393	2,720	2,060	4,163	15,812	38,370	68,344	87,302	339,691

The following table shows the amount of DOMESTIC Coal disposed of as Mine Run Coal by Districts during each month for consumption in Manitoba:

Districts	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Total
Lethbridge
Magrath
Milk River
Taber
Bow Island	110	61	.....	44	.....	962
Medicine Hat	405	77	92	140	33	.....	.....	.....	.....	.....	.....	.....	.....
Aldersyde
Gleichen
Drumheller	81	95	97	220	120	613
Rosedale	547	245	.....	.....	.....	63	60	60	30	.....	.....	.....	1,005
Wayne
Big Valley	50	39	.....	.....	.....	.....	313	534	635	.....	1,571
Brooks
Hanna
Lacombe
Trochu
Three Hills	528	168	.....	.....	.....	.....	.....	.....	.....	.....	35	219	950
Carbon
Battle River
Camrose	32	.....	.....	.....	.....	.....	.....	32	87	.....	.....	.....	151
Tofield	2,167	2,236	.....	.....	.....	.....	.....	.....	261	309	813	664	7,457
Clover Bar	962	678	.....	329	.....	.....	66	.....	.....	.....	1,028
Edmonton
Sprathcona
Nanao
Cardiff
Wabamun	340	.....	.....	.....	.....	.....	.....	340
Pembina
Peace River
Total	3,679	2,726	1,104	857	33	732	60	283	913	940	1,747	1,003	14,077

THE MINES BRANCH

The following table shows the amount of DOMESTIC Coal disposed of as Nut Coal by Districts during each month for consumption in Manitoba:

Districts	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Total
Lethbridge...	432	202	111	...	...	...	...	132	365	132	1,344	987	3,705
Magrath...	...	...	...	...	...	...	...	...	...	...	...	...	...
Milk River...	...	...	...	...	...	...	...	...	...	...	...	...	...
Taber...	...	...	...	...	33	100	166	178	353	398	441	479	2,148
Bow Island...	...	...	...	...	...	...	...	...	...	...	...	...	...
Medicine Hat...	...	...	...	...	...	...	...	...	...	...	...	...	...
Aldersyde...	...	...	...	...	...	...	...	...	...	...	...	...	...
Gleichen...	...	...	...	...	...	...	...	...	...	...	...	...	...
Drumheller...	7,250	2,082	695	...	33	33	34	97	197	1,791	5,999	7,730	25,941
Rosedale...	293	47	33	...	...	...	...	...	...	31	294	70	768
Wayne...	1,426	676	61	...	...	33	33	74	425	1,638	2,671	2,764	9,801
Big Valley...	783	435	...	...	...	...	...	...	46	36	...	...	1,300
Brooks...	...	...	...	...	...	...	...	...	...	...	...	...	...
Hanna...	...	...	...	...	...	...	...	...	...	407	817	71	1,295
Lacombe...	...	...	...	...	...	...	...	...	...	...	...	...	...
Trochu...	...	162	...	...	...	...	...	...	98	125	30	...	415
Three Hills...	158	80	...	...	...	...	32	100	293	484	282	...	1,429
Carbon...	1,667	1,462	...	...	32	135	...	685	544	788	2,524	2,915	10,752
Battle River...	...	...	...	...	...	...	...	...	...	...	...	...	...
Camrose...	...	...	...	33	...	...	...	...	...	410	277	75	795
Tofield...	...	...	...	...	...	...	...	...	...	...	...	...	...
Clover Bar...	126	31	87	95	254	124	363	192	1,275	1,806	1,337	1,053	6,743
Edmonton...	...	...	...	...	...	...	...	...	...	...	...	...	...
Strathcona...	...	...	...	...	...	...	...	...	...	...	...	...	...
Namoo...	...	...	...	...	...	...	...	...	154	127	63	32	407
Cardiff...	66	126	64	...	32	...	...	31	289	613	546	...	1,795
Wabamun...	230	129	365	39	472	...	...	59	586	1,302	530	639	4,369
Pembina...	1,218	63	169	229	194	64	30	77	1,397	1,667	1,388	1,175	8,053
Peace River...	...	...	...	...	...	...	...	...	...	...	...	...	...
Total	13,649	5,495	1,585	396	1,050	489	958	1,784	6,022	11,755	18,543	17,990	79,716

The following table shows the amount of DOMESTIC Coal disposed of as Slack Coal by Districts during each month for consumption in Manitoba:

Districts	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Total
Lethbridge
Magrath
Milk River
Taber
Bow Island
Medicine Hat
Aldersyde
Gleichen	309	142	.....	.....	.....	.....	.....	.....	142	579	65	2,107
Drumheller	870	.....	.....	.....	.....	.....	.....	.....	.....	.....	110	106	454
Rosedale	238	.....	.....	.....	.....	.....	.....	.....	.....	.....	203	63	974
Wayne	430	32	32	.....	.....	.....	.....	33	.....	181	40	.....	.....
Big Valley
Brooks
Hanna
Lacombe
Trochu	109	.....	.....	109
Three Hills
Carbon	43	.....	.....	.....	.....	.....	63	871	370	350	48	465	2,210
Battle River
Camrose	31	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	31
Tofield
Clover Bar
Edmonton
Strathcona
Namoo
Cardiff
Wabamun
Pembina	494	382	352	353	386	326	340	613	494	.....	.....	3,740
Peace River
Total	1,612	835	556	352	353	386	389	1,244	983	1,276	980	699	9,665

The following table shows the amount of SUB-BITUMINOUS Coal disposed of as Lump Coal by Districts during each month, for consumption in Manitoba:

Districts	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Total
Pincher Creek	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
High River	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Calgary	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Saunders	4,151	2,046	.....	.....	.....	.....	33	528	1,048	1,620	1,877	2,512	13,815
Yellowhead	4,218	2,698	40	193	518	606	831	978	3,380	4,134	4,804	6,156	28,556
Total	8,369	4,744	40	193	518	606	864	1,506	4,428	5,754	6,681	8,668	42,371

The following table shows the amount of SUB-BITUMINOUS Coal disposed of as Mine Run Coal by Districts during each month for consumption in Manitoba:

Districts	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Total
Pincher Creek	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
High River	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Calgary	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Saunders	63	.....	.....	.....	.....	.....	.....	.....	32	.....	154	.....	249
Yellowhead	904	259	110	64	31	165	43	199	72	107	208	307	2,469
Total	967	259	110	64	31	165	43	199	104	107	362	307	2,718

The following table shows the amount of SUB-BITUMINOUS Coal disposed of as Nut Coal by Districts during each month for consumption in Manitoba:

Districts	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Total
Pincher Creek	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
High River	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Calgary	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Saunders	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Yellowhead	741	814	.....	118	253	266	162	32	123	338	319	254	1,066
								226	855	994	789	321	5,339
Total	741	814	.....	118	253	266	162	258	978	1,332	1,108	575	6,605

The following table shows the amount of SUB-BITUMINOUS Coal disposed of as Slack Coal by Districts during each month for consumption in Manitoba:

Districts	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Total
Pincher Creek	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
High River	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Calgary	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Saunders	562	264	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Yellowhead	1,382	430	97	76	.....	.....	32	59	30	215	672	274	2,108
							253	177	978	1,414	1,468	1,728	8,003
Total	1,944	694	97	76	.....	.....	285	236	1,008	1,629	2,140	2,002	10,111

The following table shows the amount of BITUMINOUS Coal disposed of as Lump Coal by Districts during each month for consumption in Manitoba:

Districts	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Total
Crow's Nest P.	47	47											94
Canmore													
Brazeau													
Jasper Park													
Mountain Park													
Total	47	47											94

The following table shows the amount of BITUMINOUS Coal disposed of as Mine Run Coal by Districts during each month for consumption in Manitoba:

Districts	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Total
Crow's Nest P.	733	166	376					33	33	67	554	896	2,858
Canmore	129									41			170
Brazeau													
Jasper Park													
Mountain Park	1,020		290								170	40	1,520
Total	1,882	166	666					33	33	108	724	936	4,548

THE MINES BRANCH

The following table shows the amount of DOMESTIC Coal disposed of as Lump Coal by Districts during each month for consumption in Ontario:

Districts	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Total
Lethbridge...	492	274	65	...	...	...	...	...	...	...	144	245	1,220
Magrath...	...	...	...	...	...	...	...	...	...	...	...	...	...
Milk River...	...	...	...	...	...	...	...	...	...	...	...	...	...
Taber...	99	66	...	...	6	33	...	34	...	...	...	...	238
Bow Island...	...	...	...	...	...	...	...	...	...	...	...	...	...
Medicine Hat...	...	...	...	...	...	...	...	...	...	...	...	...	...
Aldersyde...	...	...	...	...	...	...	...	...	...	...	...	...	...
Gleichen...	...	...	...	...	...	...	...	...	...	...	...	...	...
Drumheller...	1,102	216	30	...	...	...	...	...	...	189	526	703	2,766
Rosedale...	160	...	...	...	...	...	...	...	...	...	71	196	427
Wayne...	290	113	97	...	...	...	...	...	33	172	193	402	1,300
Rig Valley...	...	...	...	...	...	...	...	...	...	...	...	...	...
Brooks...	...	...	...	...	...	...	...	...	...	...	...	...	...
Hanna...	...	...	...	...	...	...	...	...	...	...	...	...	...
Lacombe...	...	...	...	...	...	...	...	...	...	...	...	...	...
Trochu...	30	...	...	...	...	...	...	...	...	...	30	30	90
Three Hills...	...	...	...	...	...	...	...	...	...	...	...	...	...
Carbon...	...	...	34	...	30	67	...	...	104	69	33	46	383
Battle River...	...	...	...	...	...	...	...	...	...	...	...	...	...
Camrose...	...	...	...	...	...	...	...	...	...	...	...	...	...
Tofield...	33	...	...	...	...	...	...	...	...	...	...	...	33
Clover Bar...	33	...	...	668	1,382	...	...	...	...	96	32	...	2,211
Edmonton...	41	46	...	...	...	...	...	...	...	75	...	...	162
Strathcona...	...	...	...	...	...	...	...	...	...	...	...	...	...
Namoo...	...	...	...	...	...	...	...	...	...	...	...	...	...
Cardiff...	...	...	...	...	...	...	...	...	...	...	42	31	73
Wabamun...	...	...	...	...	...	...	...	...	...	...	...	...	...
Pembina...	170	...	...	...	...	...	65	...	32	126	72	73	538
Peace River...	...	...	...	...	...	...	...	...	...	...	...	...	...
Total	2,450	715	226	668	1,418	100	65	34	169	727	1,143	1,726	9,441

The following table shows the amount of DOMESTIC Coal disposed of as Mine Run Coal by Districts during each month for consumption in Ontario:

Districts	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Total
Lethbridge
Magrath
Milk River
Taber
Bow Island
Medicine Hat
Aldersyde
Gleichen
Drumheller
Rosedale
Wayne
Big Valley
Brooks
Hanna
Lacombe
Trochu
Three Hills
Carbon
Battle River
Camrose
Tohfeld	141	33	.....	.....	.....	.....	174
Clover Bar
Edmonton
Strathcona
Namoo
Cardiff	896	.....	286	.....	.....	.....	.....	1,182
Wahamun
Pembina
Peace River
Total	896	141	319	.....	.....	.....	.....	1,356

THE MINES BRANCH

The following table shows the amount of DOMESTIC Coal disposed of as Nut Coal by Districts during each month for consumption in Ontario:

Districts	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Total
Lethbridge...	46	...	136	...	...	...	...	...	...	...	...	48	230
Magrath...	...	...	...	...	...	...	...	...	...	...	...	...	...
Milk River...	...	...	...	...	...	...	...	...	...	...	...	...	...
Taber...	159	...	...	...	33	33	...	...	90	10	68	...	393
Bow Island...	...	...	...	...	...	...	...	...	...	...	...	...	...
Medicine Hat...	...	...	...	...	...	...	...	...	...	...	...	...	...
Aldersyde...	...	...	...	...	...	...	...	...	...	...	...	...	...
Gleichen...	...	...	...	...	...	...	...	...	...	...	...	...	...
Drumheller...	531	265	90	...	...	...	...	...	...	137	529	195	1,747
Rosedale...	...	...	...	...	...	...	...	33	...	...	44	...	44
Wayne...	30	...	...	...	...	...	...	...	...	33	244	129	469
Big Valley...	...	...	...	...	...	...	...	...	...	...	...	...	...
Brooks...	...	...	...	...	...	...	...	...	...	...	...	...	...
Hanna...	...	...	...	...	...	...	...	...	...	...	...	...	...
Lacombe...	...	...	...	...	...	...	...	...	...	...	...	...	...
Trochu...	...	66	...	...	...	...	...	...	...	...	...	...	66
Three Hills...	...	...	...	...	...	...	...	...	...	...	...	...	...
Carbon...	...	...	...	...	30	134	...	37	33	31	33	...	298
Battle River...	...	...	...	...	...	...	...	...	...	...	...	...	...
Camrose...	32	...	...	...	...	...	...	...	...	...	...	...	32
Tofield...	...	...	...	...	...	...	...	...	...	...	...	...	...
Clover Bar...	219	125	...	64	31	...	473	...	67	...	30	32	1,011
Edmonton...	...	...	...	...	...	...	...	...	...	...	...	...	30
Strathcona...	...	...	...	...	...	...	...	...	...	...	...	...	...
Namoo...	...	...	...	...	...	33	...	...	...	...	...	...	...
Cardiff...	...	...	...	...	...	...	...	...	...	...	...	...	...
Wabamun...	...	...	...	...	...	...	...	...	...	...	...	...	...
Pembina...	...	...	...	32	6	...	...	607	...	21	...	...	666
Peace River...	...	...	...	...	...	...	...	...	...	...	...	...	...
Total	1,017	456	226	96	100	200	473	677	190	232	948	404	5,019

THE MINES BRANCH

The following table shows the amount of BITUMINOUS Coal disposed of as Lump Coal by Districts during each month for consumption in Ontario:

[illegible]

The following table shows the amount of DOMESTIC Coal disposed of as Lump Coal by Districts during each month for consumption in United States:

Districts	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Total
Lethbridge...	276	47									32	47	402
Magrath...													
Milk River...													
Taber...	33	33			33		34	34				49	216
Bow Island...													
Medicine Hat...	291								84	126	301	246	1,081
Aldersyde...													
Gleichen...													
Drumheller...			33							101	397	440	1,778
Rosedale...	585	222											
Wayne...		32										34	66
Big Valley...													
Brooks...													
Hanna...													
Lacombe...													
Trochu...													
Three Hills...													
Carbon...													
Battle River...													
Camrose...													
Tofield...													
Clover Bar...	31								66	39	66		202
Edmonton...													
Strathcona...													
Namoo...													
Cardiff...													
Wabamun...													
Pembina...											33		33
Peace River...													
Total	1,216	334	33	33	33		34	34	150	266	829	816	3,778

THE MINES BRANCH

The following table shows the amount of DOMESTIC Coal disposed of as Nut Coal by Districts during each month for consumption in United States:

Districts	Jan.	Feb.	Mar.	Apr.	May.	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Total
Lethbridge...	594	106	...	...	...	...	...	508	466	677	1,494	1,065	4,910
Magrath...
Milk River...
Taber...	31	32	31	30	32	...	120	328	112	178	214	420	1,528
Bow Island...
Medicine Hat...
Aldersyde...
Gleichen...
Drumheller...	596	132	32	...	...	...	...	...	...	66	298	337	1,461
Rosedale...
Wayne...
Big Valley...
Brooks...
Hanna...
Lacombe...
Trochu...
Three Hills...
Carbon...
Battle River...
Camrose...
Tofield...
Clover Bar...
Edmonton...	30	...	...	...	31	101	163	...	325
Strathcona...
Tofield...
Cardiff...
Wabamun...	32	...	...	...	...	...	...	...	...	...	...	...	32
Pembina...	32
Peace River...
Total	1,253	270	63	30	62	...	120	836	609	1,054	2,233	1,856	8,386

The following table shows the amount of DOMESTIC Coal disposed of as Slack Coal by Districts during each month for consumption in United States:

Districts	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Total
Lethbridge...
Magrath.....
Milk River...
Taber.....
Bow Island...
Medicine Hat...
Aldersyde...
Gleichen.....	29	77	32	138
Drumheller...
Rosedale.....
Wayne.....
Big Valley...
Brooks.....
Hanna.....
Lacombe.....
Trochu.....
Three Hills...
Carbon.....
Battle River...
Camrose.....
Tofield.....
Clover Bar...
Edmonton...
Strathcona...
Namoo.....
Cardiff.....
Wabamun...
Pembina.....
Peace River...
Total.....	29	77	32	138

The following table shows the amount of BITUMINOUS Coal disposed of as Lump Coal by Districts during each month for consumption in United States:

Districts	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Total
Crow's Nest P.	264	.....	370	.....	.....	.....	.....	.....	.....	.....	274	239	1,147
Canmore	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Brazeau	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Jasper Park	23	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	23
Mountain Park	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Total	287	.....	370	.....	.....	.....	.....	.....	.....	.....	274	239	1,170

The following table shows the amount of BITUMINOUS Coal disposed of as Mine Run Coal by Districts during each month for consumption in United States:

Districts	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Total
Crow's Nest P.	676	285	1,218	102	.....	.....	.....	94	51	341	197	100	3,064
Canmore	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Brazeau	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Jasper Park	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Mountain Park	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Total	676	285	1,218	102	.....	.....	.....	94	51	341	197	100	3,064

The following table shows the amount of BITUMINOUS Coal disposed of as Nut Coal by Districts during each month for consumption in United States:

Districts	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Total
Crow's Nest P.	406	93	111	.....	.....	.....	.....	38	.....	.....	.....	.....	648
Canmore .....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Brazeau .....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Jasper Park .....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
MountainPark .....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Total	406	93	111	.....	.....	.....	.....	38	.....	.....	.....	.....	648

The following table shows the amount of BITUMINOUS Coal disposed of as Slack Coal by Districts during each month for consumption in United States:

Districts	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Total
Crow's Nest P.	3,077	5,063	6,352	.....	.....	.....	.....	94	.....	1,030	4,094	2,185	21,895
Canmore .....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Brazeau .....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Jasper Park .....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
MountainPark .....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Total	3,077	5,063	6,352	.....	.....	.....	.....	94	.....	1,030	4,094	2,185	21,895

The following table shows the total amount of LUMP Coal sold during the years 1920 to 1924 inclusive for consumption in:

Year	Alberta	British Columbia	Saskatchewan	Manitoba	Ontario	Quebec	United States	Total
1920.....	768,530	46,491	918,060	367,036	4,390	.....	5,689	2,110,196
1921.....	644,814	41,459	780,832	335,796	2,956	.....	4,439	1,810,296
1922.....	638,821	51,610	878,584	364,002	10,404	31	7,860	1,951,312
1923.....	598,048	49,624	875,932	421,019	27,596	.....	13,730	1,984,353
1924.....	595,238	55,130	800,715	382,156	9,841	.....	4,978	1,848,058

The following table shows the total amount of MINE RUN Coal sold during the years 1920 to 1924 inclusive for consumption in:

Year	Alberta	British Columbia	Saskatchewan	Manitoba	Ontario	Quebec	United States	Total
1920.....	2,788,462	55,018	136,995	94,408	631	.....	99,990	3,175,504
1921.....	2,291,065	46,863	286,514	51,741	240	.....	87,128	2,763,551
1922.....	2,374,927	29,576	252,359	33,154	1,811	.....	53,826	2,745,653
1923.....	3,357,323	40,692	99,123	26,100	12,966	.....	29,818	3,565,585
1924.....	1,838,997	32,060	111,566	21,343	1,485	.....	3,097	2,008,548

NOTE:—The sales in Alberta include Coal sold to Railroads.

The following table shows the total amount of NUT Coal sold during the years 1920 to 1924 inclusive for consumption in:

Year	Alberta	British Columbia	Saskatchewan	Manitoba	Ontario	Quebec	United States	Total
1920.....	313,872	22,012	158,665	83,552	8,169	.....	13,377	599,647
1921.....	253,652	23,186	144,841	79,019	4,158	.....	12,940	517,796
1922.....	254,908	24,200	153,082	94,976	9,252	71	10,845	547,334
1923.....	251,218	15,739	159,117	77,904	11,079	.....	9,751	527,216
1924.....	333,891	25,771	186,888	86,536	5,058	.....	9,034	647,178

The following table shows the total amount of SLACK Coal sold during the years 1920 to 1924 inclusive for consumption in:

Year	Alberta	British Columbia	Saskatchewan	Manitoba	Ontario	Quebec	United States	Total
1920.....	292,893	5,329	96,426	55,966	721	30	34,554	485,919
1921.....	249,534	4,581	82,254	28,832	2,544	.....	29,316	397,061
1922.....	251,577	2,534	87,224	28,386	106	.....	32,983	402,810
1923.....	286,318	2,271	89,282	28,616	693	.....	30,258	437,063
1924.....	276,775	1,225	90,619	20,372	141	.....	22,033	411,165

NOTE:—The sales in Alberta include Coal sold to Railroads.

The following tables show the total sales of each class of Coal by Grades during the year 1924, for consumption in:

DOMESTIC

	Alberta	British Columbia	Saskatchewan	Manitoba	Ontario	United States	Total
Lump	573,987	49,206	768,051	339,691	9,441	3,778	1,744,154
Mine Run	201,448	3,256	62,081	14,077	1,356	..	282,218
Nut	283,863	23,200	178,763	79,716	5,019	8,386	578,947
Slack	227,696	633	75,505	9,665	141	138	313,778
Total	1,286,094	76,295	1,084,400	443,149	15,957	12,302	2,919,097

SUB-BITUMINOUS

	Alberta	British Columbia	Saskatchewan	Manitoba	Ontario	United States	Total
Lump	11,511	4,795	31,308	42,371	390	30	90,405
Mine Run	318,111	4,282	10,670	2,718	129	33	335,943
Nut	48,470	2,297	5,518	6,605	39	..	62,929
Slack	27,845	225	7,143	10,111	..	..	45,324
Total	405,937	11,599	54,639	61,805	558	63	534,601

BITUMINOUS

	Alberta	British Columbia	Saskatchewan	Manitoba	Ontario	United States	Total
Lump	9,707	1,129	1,356	94	10	1,170	13,466
Mine Run	1,319,438	24,522	38,815	4,548	.....	3,064	1,390,387
Nut	1,557	274	2,607	215	.....	648	5,301
Slack	21,234	367	7,971	596	.....	21,895	52,063
Total	1,351,936	26,292	50,749	5,453	10	26,777	1,461,217

NOTE:—The sales in Alberta include Coal sold to Railroads.

The following table shows the grades of Coal sold by Districts during 1924:

DOMESTIC COAL

Districts	Lump	Mine Run	Nut	Slack	Total
Lethbridge	256,359	4,427	77,995	15,727	354,508
Magrath	2,514	.....	.....	.....	2,514
Milk River	3,694	3,496	.....	8	7,198
Taber	50,600	3,139	16,308	4,345	74,392
Bow Island	3,430	678	46	145	4,299
Medicine Hat	11,684	34,932	2,674	270	49,560
Aldersyde	7,237	1,907	499	12	9,655
Gleichen	6,665	2,030	21	.....	8,716
Drumheller	467,574	4,357	96,564	84,538	653,213
Rosedale	101,846	9,568	4,428	10,702	126,544
Wayne	229,482	1,251	46,606	20,766	298,105
Big Valley	15,435	27,313	5,516	4,793	53,057
Brooks	7,139	919	3	4	8,065
Hanna	15,311	5,514	15,911	1,963	38,699
Lacombe	2,463	10,543	.....	159	13,165
Trochu	10,067	2,780	1,527	522	14,896
Three Hills	26,136	21,786	8,192	8,737	64,851
Carbon	48,093	3,298	38,407	15,178	104,976
Battle River	9,453	6,536	662	6	16,657
Camrose	42,272	15,018	20,746	7,871	85,907
Tofield	69,293	34,828	53	4,968	109,142
Clover Bar	187,499	32,415	99,960	59,228	379,102
Edmonton	48,862	38	52,843	35,072	136,815
Strathcona	4,251	533	1,299	508	6,591
Namoo	7,712	3,094	2,947	4,722	18,475
Cardiff	41,576	35,624	17,464	10,890	105,554
Wabamun	18,899	15,552	25,421	15,109	74,981
Pembina	48,139	15	42,855	7,535	98,544
Peace River	289	627	.....	.....	916
Total	1,744,154	282,218	578,947	313,778	2,919,097

The following table shows the grades of Coal sold by Districts during 1924:

SUB-BITUMINOUS COAL

Districts	Lump	Mine Run	Nut	Slack	Total
Pincher Creek	1,524	8,413	435	2,227	12,599
High River	106	2,940	.....	.....	3,046
Calgary	69	214	445	32	760
Saunders	37,806	6,297	3,461	16,457	64,021
Yellowhead	50,900	318,079	58,588	26,608	454,175
Total	90,405	335,943	62,929	45,324	534,601

The following table shows the grades of Coal sold by Districts during 1924:

BITUMINOUS COAL

Districts	Lump	Mine Run	Nut	Slack	Total
Crow's Nest Pass	10,321	818,395	4,998	51,045	884,759
Canmore	2,484	117,396	241	1,018	121,139
Brazeau .....	.....	171,296	.....	.....	171,296
Jasper Park	23	471	29	.....	523
Mountain Park	638	282,829	33	.....	283,500
Total	13,466	1,390,387	5,301	52,063	1,461,217

The following table shows the grades of Coal sold by Districts during 1924:

ANTHRACITE

District	Lump	Mine Run	Nut	Slack	Total
Banff	33	.....	1	.....	34

The following table shows the total amount of DOMESTIC Coal used under Colliery Boilers during each month:

Districts	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Total
Lethbridge ..	6,631	4,391	3,688	1,872	1,268	1,515	.....	2,469	1,454	1,862	4,601	5,111	34,862
Magrath ..	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Milk River ..	826	237	184	266	615	909	505	811	1,822	1,963	1,685	2,182	12,005
Taber ..	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Bow Island ..	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Medicine Hat ..	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Aldersyde ..	10	10	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Gleichen ..	2,597	2,057	1,915	220	155	120	220	9	40	40	30	25	164
Drumheller ..	225	200	200	.....	.....	.....	5	.....	240	885	2,430	2,755	13,814
Rosedale ..	1,180	860	995	5	30	20	35	.....	.....	100	235	239	1,204
Wayne ..	130	130	130	110	100	80	.....	300	530	1,118	1,545	1,922	8,540
Big Valley ..	2	2	2	2	1	2	.....	60	100	137	250	117	1,344
Brooks ..	160	153	154	154	134	147	161	2	2	2	2	2	23
Hanna ..	.....	.....	.....	.....	.....	.....	.....	166	181	316	359	352	2,437
Lacombe ..	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	4	.....	4
Trochu ..	59	254	36	45	40	40	.....	75	50	115	59	123	896
Three Hills ..	423	378	421	420	387	360	244	395	415	425	425	425	4,718
Carbon ..	350	300	200	30	150	285	55	325	325	325	325	325	2,995
Battle River ..	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Camrose ..	131	108	94	69	60	55	72	119	131	185	358	348	1,730
Tofield ..	65	58	55	55	205	200	200	200	104	70	60	100	1,372
Clover Bar ..	1,992	1,615	1,984	1,830	1,511	1,507	1,818	1,170	1,977	2,106	2,076	2,101	21,647
Edmonton ..	200	200	200	200	200	100	100	100	200	200	200	200	2,100
Strathcona ..	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Namoo ..	60	45	40	60	20	20	23	48	96	40	40	40	532
Cardiff ..	425	306	314	258	220	168	177	206	244	321	364	382	3,385
Wabamun ..	155	155	161	205	215	225	215	220	230	235	230	360	2,606
Pembina ..	1,392	977	926	1,045	1,076	847	789	820	1,026	1,141	1,071	1,051	12,161
Peace River ..	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Total	17,013	12,436	11,699	6,846	6,387	6,600	4,621	7,675	9,167	11,586	16,349	18,170	128,549

THE MINES BRANCH

The following table shows the total amount of SUB-BITUMINOUS Coal used under Colliery Boilers during each month:

Districts	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Total
Pincher Creek	21												21
High River	10	10	8		5	10						20	66
Calgary			10						15	16	15	15	71
Saunders	721	467	245		19	117	149	211	596	643	640	694	4,502
Yellowhead	618	606	850	770	305	292	233	347	671	883	1,025	1,034	7,724
Total	1,370	1,083	1,113	770	419	419	382	558	1,285	1,542	1,680	1,763	12,384

THE MINES BRANCH

The following table shows the amount of DOMESTIC Coal used by Colliery Railroads during each month:

Districts	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Total
Lethbridge'...	90	23	39	.....	.....	.....	.....	24	25	25	125	115	466
Magrath.....
Milk River...
Taber.....	5	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	45	50
Bow Island...
Medicine Hat.
Aldersyde...
Gleichen.....
Drumheller...
Rosedale.....
Wayne.....
Big Valley...
Brooks.....
Hanna.....
Lacombe.....
Trochu.....
Three Hills...
Carbon.....
Battle River...
Camrose.....
Tofield.....
Clover Bar...
Edmonton...
Strathcona...
Namoo.....
Cardiff.....
Wabamun...
Pembina.....
Peace River...
Total.....	95	23	39	.....	.....	.....	.....	24	25	25	125	160	516

The following table shows the amount of SUB-BITUMINOUS Coal used by Colliery Railroads during each month:

Districts	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Total
Pincher Creek	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
High River	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Calgary	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Saunders	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Yellowhead	340	345	339	450	250	30	25	25	218	235	470	466	3,193
Total	340	345	339	450	250	30	25	25	218	235	470	466	3,193

The following table shows the amount of BITUMINOUS Coal used by Colliery Railroads during each month:

Districts	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Total
Crow's Nest P.	82	52	56	.....	.....	.....	.....	.....	.....	10	51	71	322
Canmore	56	56	60	.....	.....	.....	.....	.....	.....	30	45	50	297
Brazeau	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Jasper Park	30	10	50	20	30	10	20	30	10	30	30	20	290
Mountain Park	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Total	168	118	166	20	30	10	20	30	10	70	126	141	909

THE MINES BRANCH

The following table shows the total amount of DOMESTIC Coal put to Stock during each month:

Districts	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Total
Lethbridge...	3,303	1,702	831	18	...	...	...	275	445	735	1,163	6,311	14,783
Magrath...
Milk River...	20	...	30	10	...	...	...	...	...	60
Taber...	39	...	30	...	...	...	...	20	...	200	1,635	2,146	4,070
Bow Island...
Medicine Hat...
Aldersyde...
Gleichen...	10	...	250	...	260
Drumheller...	414	304	552	560	1,830
Rosedale...
Wayne...
Big Valley...
Brooks...
Hanna...
Lacombe...	45	...	...	...	...	...	...	...	...	...	90	40	45
Trochu...	130
Three Hills...
Carbon...	129	...	...	33	...	...	...	...	...	...	162
Battle River...	10	...	...	...	...	10
Camrose...
Tofield...
Clover Bar...
Edmonton...
Strathcona...
Namoo...
Cardiff...
Wabamun...	583	...	145	267	323	215	3,248
Pembina...	672	41	115	120	110	346	...	311	...	...	...	...	...
Peace River...
Total	4,059	1,743	1,105	158	110	409	593	616	1,014	1,506	4,013	9,272	24,598

The following table shows the total amount of SUB-BITUMINOUS Coal put to Stock during each month:

Districts	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Total
Pincher Creek	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	20	.....	20
High River	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Calgary	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Saunders	31	290	.....	.....	.....	.....	.....	82	133	81	182	66	855
Yellowhead	1,540	5,140	5,591	4,659	10	36	45	105	90	238	.....	190	17,644
Total	1,571	5,430	5,591	4,659	10	36	45	187	213	319	202	256	18,519

The following table shows the total amount of BITUMINOUS Coal put to Stock during each month:

Districts	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Total
Crow's Nest P.	2,622	3,344	87	.....	.....	.....	.....	.....	.....	6,630	.....	120	12,803
Canmore	140	586	378	.....	.....	.....	.....	.....	.....	450	650	711	2,915
Brazeau	.....	.....	650	.....	.....	.....	.....	.....	.....	.....	.....	.....	650
Jasper Park	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Mountain Park	223	1,284	931	.....	175	5,370	1,536	1,065	.....	.....	.....	35	10,619
Total	2,985	5,214	2,046	.....	175	5,370	1,536	1,065	.....	7,080	650	866	26,987

THE MINES BRANCH

The following table shows the total amount of DOMESTIC Coal put to Waste during each month:

Districts	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Total
Lethbridge...	875	475	531	.....	.....	6	.....	625	742	1,677	4,552	2,007	11,490
Magrath.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Milk River...	.....	.....	8	.....	.....	.....	.....	.....	.....	35	.....	.....	43
Taber.....	44	31	14	10	6	.....	5	4	12	37	39	41	246
Bow Island...	9	22	28	15	2	19	24	20	10	63	31	14	257
Medicine Hat.	10	.....	10	.....	.....	.....	.....	10	91	218	184	120	643
Aldersyde...	34	28	23	6	9	15	24	24	20	47	29	19	278
Gleichen.....	34	10	27	22	22	22	12	12	19	20	19	24	243
Drumheller...	65	42	45	11	10	12	10	30	70	136	720	1,085	2,236
Rosedale.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Wayne.....	780	120	138	.....	.....	.....	.....	15	266	685	631	1,446	4,981
Big Valley...	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	653	600	1,253
Brooks.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Hanna.....	62	84	40	25	8	13	20	17	81	207	569	176	1,302
Lacombe.....	30	18	5	213	.....	.....	6	3	42	92	44	59	512
Trochu.....	222	60	31	23	10	7	1	7	28	76	159	174	798
Three Hills...	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Carbon.....	29	19	19	.....	.....	107	.....	5	10	15	26	32	281
Battle River...	129	78	59	1	1	2	2	.....	22	43	98	188	628
Camrose.....	261	184	67	83	.....	.....	.....	18	178	374	1,003	1,215	3,383
Tonfeld.....	10	5	3	3	3	.....	.....	.....	.....	.....	5	8	37
Clover Bar...	.....	125	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	125
Edmonton.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Strathcona...	119	123	60	50	10	12	.....	.....	6	.....	111	197	688
Namoo.....	100	30	.....	.....	.....	.....	.....	.....	.....	.....	30	75	261
Cardiff.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Wabamun...	671	215	161	260	150	175	145	163	225	250	439	50	2,904
Pembina.....	765	335	297	426	500	371	303	256	595	742	646	788	6,024
Peace River...	30	10	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	40
Total.....	4,279	2,014	1,566	1,170	731	764	552	1,211	2,417	4,743	9,988	8,318	37,753

The following table shows the total amount of SUB-BITUMINOUS Coal put to Waste during each month:

Districts	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Total
Pincher Creek	.....	10	10	.....	5	.....	.....	.....	.....	.....	10	5	40
High River	75	.....	.....	.....	.....	.....	.....	.....	200	100	75	155	605
Calgary	.....	.....	.....	.....	.....	.....	.....	.....	30	44	.....	48	122
Saunders	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Yellowhead	1,030	90	.....	.....	4,031	296	1,372	1,998	4,005	2,907	4,118	4,216	24,063
Total	1,105	100	10	.....	4,036	296	1,372	1,998	4,235	3,051	4,203	4,424	24,830

The following table shows the total amount of BITUMINOUS Coal put to Waste during each month:

Districts	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Total
Crow's Nest P.	440	405	444	.....	.....	.....	.....	.....	.....	159	265	263	1,976
Canmore	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Brazeau	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Jasper Park	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Mountain Park	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Total	440	405	444	.....	.....	.....	.....	.....	.....	159	265	263	1,976

THE MINES BRANCH

The following table shows the total amount of DOMESTIC Coal lifted from Stock during each month:

Districts	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Total
Lethbridge ..	425	2,423	1,702	1,628	1,258	.....	.....	.....	670	275	735	408	9,524
Magrath
Milk River	20	10	10	.....	.....	40
Taber	119	.....	.....	.....	.....	.....	.....	.....	.....	.....	119
Bow Island
Medicine Hat
Aldersyde
Gleichen
Drumheller
Rosedale
Wayne	162	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	162
Big Valley
Brooks
Hanna
Lacombe
Trochu
Three Hills	33	.....	.....	.....	.....	.....	.....
Carbon	129	.....	.....	.....	.....	.....	.....	.....	.....	162
Battle River	10	.....	.....	.....	10
Camrose
Tofield
Clover Bar
Edmonton
Strathcona
Namoo
Cardiff
Wabamun	115	120	110	36	583	311	145	267	323	3,176
Pembina ..	221	594	41	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Peace River
Total	808	3,017	1,862	1,872	1,378	110	376	603	1,001	430	1,002	731	13,193

THE MINES BRANCH

The following table shows the amount of DOMESTIC Coal lifted from Waste during each month:

Districts	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Total
Lethbridge
Magrath
Milk River
Taber
Bow Island
Medicine Hat
Aldersyde
Gleichen
Drumheller
Rosedale
Wayne	183	126	129	.....	.....	.....	.....	.....	.....	.....	.....	438
Big Valley
Brooks
Hanna
Lacombe
Trochu
Three Hills
Carbon	107	.....	.....	.....	.....	.....	107
Battle River
Camrose	115	.....	.....	.....	.....	.....	.....	.....	.....	115
Tofield
Clover Bar
Edmonton
Strathcona
Namoo
Cardiff
Wabamun
Pembina
Peace River
Total	183	126	244	.....	.....	107	.....	.....	.....	.....	.....	660

OUTPUTS AND NUMBER OF MINES PRODUCING:

	Under 10,000 tons		From 10,000 to 50,000 tons		From 50,000 to 100,000 tons		From 100,000 to 200,000 tons		From 200,000 to 300,000 tons		Total	
	No.	Output	No.	Output	No.	Output	No.	Output	No.	Output	No.	Total
Domestic	285	256,472	31	778,833	22	1,525,401	4	535,954	...	...	342	3,096,660
Sub-Bituminous	30	29,180	7	193,042	...	...	1	154,521	...	215,203	39	591,946
Bituminous	7	9,443	1	20,036	2	128,872	7	1,107,146	1	249,610	18	1,515,107
Total	322	295,095	39	991,911	24	1,654,273	12	1,797,621	2	464,813	399	5,203,713

The following table shows the number of men employed in the DOMESTIC, SUB-BITUMINOUS and BITUMINOUS Coal Fields as at December 31, 1924:

	BELOW GROUND										ABOVE GROUND										Total Above and Below Ground			
	Officials	Hand-cutters	Machine-cutters	Machine-loaders	Horse H'1'geMp's	Mechanical H'1'geMp's	Ventilation Employees	Road-makers	Timbermen	Pumpmen	(Other) Employees	Total Below Ground	Administration	Foremen and Clerks	Screenmen and Loaders	Enginemmen	Firemen	Machinists	(Carpenters and Masons)	(Other) Mechanics		All Other Employees	Surface Haulage	Total Above Ground
Domestic	265	1,343	492	2,494	641	129	52	104	217	44	29c	6,140	100	120	587	138	77	41	31	53	458	34	1,639	7,779
Sub-Bituminous	27	150	33	134	20	17	3	8	14	1	15	422	16	19	85	33	20	6	18	16	212	4	432	854
Bituminous	139	1,373	...	.....	195	182	46	50	132	16	360	2,493	25	96	200	48	50	42	36	5c	340	39	935	3,428
Total	431	2,866	525	2,628	856	328	101	222	363	61	674	9,055	141	235	872	21c	147	92	85	128	1,010	77	3,006	12,061

The following table shows the number of men employed in the DOMESTIC Coal Field as at December 31st, 1924:

Districts	BELOW GROUND										ABOVE GROUND										Total Above and Below Ground				
	Officials	Hand-cutters	Machine-cutters	Machine-loaders	Horse	Mechanical H'f'Emp's	Ventilation Employees	Road-makers	Timbermen	Pumpmen	Other Employees	Total Below Ground	Administration	Foremen and Clerks	Screenmen and Loaders	Enginemen	Firemen	Machinists	Carpenters and Masons	Other Mechanics		All Other Employees	Surface Haulage	Total Above Ground	
Lethbridge	46	112	159	487	123	59	22	12	95	12	12	1,139	13	22	110	28	20	13	10	14	99	1	330	1,449	
Magrath	4	14	...	...	...	...	...	...	...	...	...	14	...	...	...	...	...	...	...	...	...	...	...	14
Milk River	4	17	...	...	...	...	...	...	...	...	...	21	3	...	...	...	...	...	...	...	...	...	4	25
Taber	11	20	33	181	10	6	2	1	11	1	80	365	4	7	3	7	5	3	1	4	56	8	102	467	
Bow Island	3	16	...	...	...	...	...	...	...	...	...	19	2	...	...	...	...	...	...	...	...	...	2	21
Medicine Hat	7	6	14	74	...	7	...	...	2	...	3	113	1	...	15	2	1	3	1	...	4	...	27	140
Aldersyde	7	25	...	...	...	...	...	...	...	...	...	32	2	...	...	...	...	...	...	...	1	...	3	35
Gleichen	2	20	...	...	...	...	...	...	...	...	...	22	3	...	...	...	...	...	...	...	...	...	7	29
Drumheller	51	89	130	576	239	11	10	39	35	4	80	1,264	13	30	117	27	13	5	2	13	41	2	263	1,527	
Rosedale	9	66	22	161	45	...	1	5	...	...	17	326	3	6	43	6	4	1	...	3	15	5	86	412
Wayne	23	80	49	430	75	9	3	25	12	3	53	762	6	14	49	7	3	3	7	2	42	...	133	895	
Big Valley	5	8	7	53	9	1	1	1	1	1	6	92	2	2	8	5	1	1	1	...	6	1	27	119	
Brooks	1	24	...	...	...	...	...	...	...	...	...	25	...	...	1	2	3	2	1	...	...	...	4	29
Hanna	8	58	4	10	4	...	...	...	...	...	...	84	5	2	...	...	...	...	...	1	19	...	35	119
Lacombe	10	45	...	...	2	...	...	...	...	...	...	57	1	...	...	...	...	...	...	...	...	...	9	66
Trochu	8	22	4	20	4	...	...	...	1	1	1	61	6	...	...	...	...	...	...	...	...	...	30	91
Three Hills	4	5	6	57	12	...	1	2	2	2	6	96	1	2	4	4	2	3	1	...	2	...	28	124	
Carbon	7	58	8	95	20	...	...	4	4	4	4	204	3	1	22	2	3	2	1	1	3	1	39	243
Battle River	12	69	...	...	12	...	...	...	...	...	...	82	1	...	2	1	...	...	...	...	...	...	6	88
Camrose	6	146	...	...	...	...	2	...	...	2	1	176	10	4	55	6	2	...	...	1	16	4	98	274
Tofield	1	5	...	...	...	...	...	...	...	...	...	6	3	4	65	3	...	...	...	1	20	...	97	103
Clover Bar	15	300	20	98	48	13	4	38	33	10	19	598	5	5	39	13	7	2	3	4	43	3	128	726	
Edmonton	6	32	22	136	13	3	4	12	10	3	1	242	5	6	14	6	...	...	3	2	...	6	44	286
Strathcona	7	33	...	...	...	...	...	...	...	...	...	40	...	...	...	...	...	...	...	...	...	...	7	47
Namoo	3	31	...	...	...	...	...	...	...	...	...	38	...	...	...	...	...	...	...	...	5	1	9	47
Cardiff	2	21	4	45	7	4	...	7	...	2	1	93	2	2	5	4	2	1	...	...	9	...	25	118
Wabamun	2	14	6	28	13	2	2	3	2	...	...	72	1	1	10	2	1	2	1	1	5	...	24	96
Pembina	5	1	4	43	...	14	...	4	9	1	10	91	4	5	8	6	5	1	1	3	39	...	72	163	
Peace River	...	6	6	6	
Total	265	1,343	492	2,494	641	129	52	164	217	44	299	6,140	100	120	587	138	77	41	31	53	458	34	1,630	7,779	

The following table shows the number of men employed in the SUB-BITUMINOUS Coal Field as at December 31st, 1924:

Districts	BELOW GROUND												ABOVE GROUND												Total Above and Below Ground		
	Officials	Hand-cutters	Machine-cutters	Machine-loaders	Horse	H'1'geEmp's	Mechanical	H'1'geEmp's	Ventilation	Road-makers	Timbermen	Pumpmen	Other Employees	Total Below Ground	Administration	Foremen and Clerks	Screenmen and Loaders	Enginemen	Firemen	Machinists	Carpenters and Masons	Other Mechanics	All (Other) Employees	Surface Haulage		Total Above Ground	
Pincher Creek	6	24	...	...	...	1	...	...	...	...	...	...	1	32	3	...	1	...	...	...	...	...	...	...	1	5	37
High River	2	9	...	...	...	...	...	...	...	...	...	...	...	11	1	...	...	1	...	...	...	...	...	4	...	6	17
Calgary	2	2	...	...	...	...	...	...	...	...	...	...	...	4	...	...	...	...	...	...	...	...	...	...	...	2	6
Saunders	5	...	19	103	6	14	1	4	...	...	8	...	7	167	3	3	17	6	6	1	2	1	6	2	...	47	214
Yellowhead	12	115	14	31	13	3	2	4	6	1	...	...	7	208	9	16	66	26	14	8	16	15	202	...	...	372	580
Total	27	150	33	134	20	17	3	8	14	1	15	422	16	19	85	33	20	9	18	16	212	4	432	854			

The following table shows the total number of men employed above and below ground in the DOMESTIC Coal Field by Districts during each month:

Districts	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Average
Lethbridge...	1,631	1,460	1,234	220	207	227	238	502	652	1,270	1,437	1,469	879
Magrath...	17	13	11	8	8	3	7	6	10	14	16	14	11
Milk River...	24	21	22	13	14	17	17	16	20	35	33	25	21
Taber...	220	194	149	89	166	186	205	228	258	337	436	467	245
Bow Island...	18	16	15	11	8	15	12	12	16	22	20	21	15
Medicine Hat...	66	60	23	41	42	64	89	96	155	174	178	140	94
Aldersyde...	28	29	24	15	14	16	18	24	27	44	44	35	26
Gleichen...	26	23	18	12	11	17	10	17	28	27	33	29	21
Drumheller...	1,378	1,320	958	78	119	128	125	164	230	1,311	1,509	1,527	737
Rosedale...	366	330	321	10	29	24	28	35	58	356	407	412	198
Wayne...	563	520	375	33	32	90	116	283	500	802	921	895	428
Big Valley...	116	79	70	59	56	63	47	56	64	100	112	119	78
Brooks...	29	25	20	9	10	11	15	13	15	31	22	29	19
Hanna...	59	52	43	42	50	44	45	38	74	136	160	119	72
Lacombe...	43	34	31	21	12	11	12	11	24	42	60	66	31
Trochu...	81	72	40	23	23	29	7	27	55	72	83	91	50
Three Hills...	106	97	89	75	79	54	40	61	94	108	117	124	87
Carbon...	162	160	84	47	42	109	78	164	184	206	232	243	143
Battle River...	69	63	46	21	7	8	10	17	27	46	75	88	40
Camrose...	153	125	95	61	48	51	51	67	148	171	251	274	125
Tofield...	101	75	61	47	69	81	92	102	71	75	102	103	82
Clover Bar...	716	648	519	482	488	481	478	465	560	645	702	726	576
Edmonton...	292	244	224	168	125	113	114	143	207	266	283	286	205
Strathcona...	39	31	15	4	4	4	.....	.....	4	18	39	47	17
Namoo...	40	28	18	15	16	17	18	26	32	41	47	29	47
Cardiff...	141	125	107	90	92	72	68	81	84	104	122	118	100
Wabamun...	82	62	63	80	91	95	97	98	101	108	118	96	91
Pembina...	118	125	113	121	108	109	108	104	113	125	125	163	119
Peace River...	7	6	2	1	.....	.....	.....	.....	.....	.....	4	6	4
Total	6,691	6,037	4,790	1,896	1,970	2,139	2,145	2,857	3,811	6,682	7,688	7,780	4,543

The following table shows the total number of men employed above and below ground in the BITUMINOUS Coal Field by Districts during each month:

Districts	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Average
Pincher Creek	28	22	21	15	20	17	43	38	36	35	54	37	30
High River...	11	11	10	5	9	9	11	4	12	6	10	17	9
Calgary								2	6	9	8	6	5
Saunders	219	219	72		17	42	44	96	167	193	202	214	135
Yellowhead ..	520	526	428	377	356	280	180	249	458	546	597	580	425
Total	778	778	533	397	402	348	278	389	679	789	871	854	604

The following table shows the total number of men employed above and below ground in the SUB-BITUMINOUS Coal Field by Districts during each month:

Districts	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Average
Crow's Nest P.	2,391	2,350	2,317	195	213	230	247	228	248	1,851	1,964	2,023	1,188
Cannore	354	327	323	42	42	42	42	42	50	326	334	331	188
Brazeau	750	769	797				26	26	41	65	59	404	327
Jasper Park ..	144	59	80	73	74	49	51	55	56	68	101	74	74
Mountain Park	873	933	904	127	125	145	142	144	83	306	344	596	394
Total	4,512	4,438	4,421	437	451	466	508	495	478	2,616	2,802	3,428	2,171

PER CAPITA PRODUCTION OF MINES IN THE PROVINCE

Year	Gross tons of coal mined	Total average No. of men employed	Tons of coal mined per man employed	Average No. of men employed underground	Tons of coal mined per man employed underground
1906	1,385,000	2,800	494	2,000	692
1907	1,834,745	3,600	509	2,700	679
1908	1,845,000	3,780	488	2,681	688
1909	2,174,329	5,207	417	3,893	566
1910	3,036,757	5,818	504	4,090	742
1911	1,694,564	6,689	253	4,517	375
1912	3,446,349	6,661	517	4,861	708
1913	4,306,346	8,068	533	5,837	737
1914	3,821,739	8,170	467	6,052	631
1915	3,434,891	6,445	532	4,493	764
1916	4,648,604	7,570	614	5,536	839
1917	4,863,414	8,310	595	6,047	804
1918	6,148,620	8,818	697	6,141	1,001
1919	5,022,412	7,573	663	5,150	958
1920	6,908,923	9,688	712	6,551	1,055
1921	5,937,195	10,018	592	7,203	824
1922	5,976,432	8,757	683	6,154	971
1923	6,866,923	9,927	687	7,249	893
1924	5,203,713	7,317	711	5,299	982

PER CAPITA PRODUCTION OF MINES IN THE DOMESTIC COAL FIELD

Year	Gross tons of coal mined	Total average No. of men employed	Tons of coal mined per man employed	Average No. of men employed underground	Tons of coal mined per man employed underground
1910	878,011	2,307	380	1,676	524
1911	964,700	3,548	271	2,488	391
1912	1,341,389	2,980	450	2,283	587
1913	1,763,225	4,017	438	2,929	601
1914	1,697,401	4,219	402	3,190	532
1915	1,682,922	3,181	529	2,210	761
1916	2,172,801	4,132	525	3,137	692
1917	2,537,829	4,701	539	3,489	727
1918	3,035,061	4,896	619	3,420	887
1919	2,611,009	4,226	617	2,953	884
1920	3,359,308	5,173	647	3,723	902
1921	2,943,141	5,601	525	4,256	691
1922	3,086,669	4,981	620	3,752	823
1923	3,161,741	4,969	636	3,765	812
1924	3,096,660	4,543	681	3,447	898

PER CAPITA PRODUCTION OF MINES IN THE SUB-BITUMINOUS COAL FIELD

Year	Gross tons of coal mined	Total average No. of men employed	Tons of coal mined per man employed	Average No. of men employed underground	Tons of coal mined per man employed underground
1922	Stp. Pit 367,514	217	1,692	.....	.....
	B. Gr'd 179,556	403	445	277	648
1923	Stp. Pit 288,467	190	1,513	.....	.....
	B. Gr'd 174,994	354	494	260	673
1924	Stp. Pit 369,724	211	1,752	.....	.....
	B. Gr'd 222,222	393	565	278	799

PER CAPITA PRODUCTION OF MINES IN THE BITUMINOUS COAL FIELD

Year	Gross tons of coal mined	Total average No. of men employed	Tons of coal mined per man employed	Average No. of men employed underground	Tons of coal mined per man employed underground
1910	1,896,961	2,981	636	2,076	914
1911	649,745	2,641	246	1,820	357
1912	1,926,371	3,243	594	2,353	818
1913	2,374,401	3,562	666	2,645	897
1914	1,953,367	3,529	553	2,632	742
1915	1,626,237	2,921	557	2,103	773
1916	2,335,259	3,142	743	2,258	1,034
1917	2,206,868	3,335	661	2,429	909
1918	2,982,334	3,636	820	2,597	1,109
1919	2,325,787	3,118	745	2,100	1,108
1920	3,419,021	4,228	809	2,711	1,202
1921	2,897,380	4,183	701	2,820	1,026
1922	2,214,273	3,034	729	2,084	1,062
1923	3,241,614	4,345	746	3,215	1,098
1924	1,515,107	2,171	698	1,574	966

PER CAPITA PRODUCTION OF MINES IN THE ANTHRACITE COAL FIELD

Year	Gross tons of coal mined	Total average No. of men employed	Tons of coal mined per man employed	Average No. of men employed underground	Tons of coal mined per man employed underground
1910	261,785	530	493	338	774
1911	80,119	500	160	209	383
1912	178,589	438	407	225	793
1913	168,720	489	345	263	641
1914	170,971	422	405	230	743
1915	125,732	343	366	180	698
1916	140,544	296	474	141	996
1917	118,717	284	418	129	920
1918	131,225	286	458	124	1,058
1919	85,616	229	374	95	901
1920	130,594	287	455	117	1,116
1921	96,674	284	341	127	761
1922	40,417	112	361	41	986
1923	107	69	1	9	12
1924	.....	.....	...	.....	.....

The table showing the number of men employed in the Anthracite Coal Field included employees at the Briquetting plant.

During the year 1909 a strike affecting all the larger mines in the Province lasted for a period of three months.

During the year 1911 a strike affecting all the larger mines in the Province lasted for a period of eight months.

During the year 1917 a strike affecting all the larger mines in the Province lasted for a period of three months.

During the year 1919 a strike affecting all the larger mines in the Province lasted for a period of three months.

During the year 1922 a strike affecting all the larger mines in the Province lasted for a period of five months.

During the year 1924 a strike affecting all the larger mines in the Province lasted for a period of six and a half months.

NOTE:—In calculating the total per capita production for men employed underground, the tonnage mined from stripping pits was deducted and only the tonnage produced from mines was used.

PER CAPITA PRODUCTION OF MINES IN THE DOMESTIC COAL FIELD
BY DISTRICTS

Districts	Gross tons of coal mined	Total average No. of men employed	Tons of coal mined per man em- ployed	Average No. of men em- ployed un- derground	Tons of coal min- ed per man em- ployed un- derground
Lethbridge	405,585	879	462	634	641
Magrath	2,514	11	228	11	228
Milk River	7,261	21	346	18	403
Taber	90,644	245	370	179	506
Bow Island	4,556	15	304	14	325
Medicine Hat	50,203	94	534	76	661
Aldersyde	9,933	26	343	24	414
Gleichen	9,123	21	434	16	570
Drumheller	669,523	737	908	595	1,108
Rosedale	127,748	198	645	152	840
Wayne	311,956	428	729	351	888
Big Valley	55,654	78	713	59	943
Brooks	8,088	19	425	16	505
Hanna	42,438	72	589	45	943
Lacombe	13,726	31	443	27	508
Trochu	16,720	50	334	34	492
Three Hills	69,569	87	799	68	1,023
Carbon	108,145	143	756	114	957
Battle River	17,285	40	432	37	467
Canrose	90,905	125	727	77	1,180
Tofield, Under'd	626	9	59	6	104
Tofield, Stripping	109,925	77	1,428		
Clover Bar	406,874	576	696	465	862
Edmonton	138,915	205	677	170	817
Strathcona	7,289	17	429	14	521
Namoo	19,268	29	664	24	803
Cardiff	108,939	160	1,089	79	1,379
Wabamun	80,491	91	884	70	1,149
Pembina	116,801	119	981	73	1,600
Peace River	956	4	239	3	319
Total	3,096,660	4,543	681	3,447	898

PER CAPITA PRODUCTION OF MINES IN THE SUB-BITUMINOUS COAL
FIELD BY DISTRICTS

Districts	Gross tons of coal mined	Total average No. of men employed	Tons of coal mined per man em- ployed	Average No. of men em- ployed un- derground	Tons of coal min- ed per man em- ployed un- derground
Pincher Creek	12,680	30	422	25	507
High River	3,717	9	413	7	531
Calgary	953	5	191	3	318
Saunders	68,546	135	507	101	678
Yellowhead Under'd	136,326	214	637	142	960
Yellowhead Strip'g.	369,724	211	1,752	...	...
Total	591,946	604	980	278	2,129

PER CAPITA PRODUCTION OF MINES IN THE BITUMINOUS COAL FIELD
BY DISTRICTS

Districts	Gross tons of coal mined	Total average No. of men employed	Tons of coal mined per man em- ployed	Average No. of men em- ployed un- derground	Tons of coal min- ed per man em- ployed un- derground
Crow's Nest Pass . .	912,664	1,188	777	897	1,017
Canmore	134,827	188	760	126	1,070
Brazeau	174,772	327	534	257	680
Jasper Park	6,547	74	88	31	211
Mountain Park	286,297	394	728	263	1,688
Total	1,515,107	2,171	698	1,574	966

The following table shows the number of days in each month on which DOMESTIC Coal was drawn:

	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Average
Lethbridge...	20.06	16.10	17.12	16.18	14.27	13.36	17.40	15.85	19.81	21.71	19.61	20.26	211.73
Magrath...	14.17	8.20	6.80	12.00	8.50	10.50	11.75	15.00	16.00	21.25	17.50	14.50	155.77
Milk River...	18.25	12.37	13.44	13.40	10.00	9.11	13.00	14.66	18.66	24.00	23.40	13.89	184.18
Taber...	14.27	12.29	12.36	11.72	10.28	11.95	9.68	17.12	18.80	21.72	20.45	19.91	188.55
Bow Island...	9.50	9.33	9.66	7.14	5.66	7.37	6.85	7.75	11.22	19.40	16.00	11.00	120.88
Medicine Hat...	12.60	6.60	11.25	9.00	20.00	16.00	11.00	14.66	18.00	20.62	16.87	10.87	167.47
Aldersyde...	20.00	16.00	17.11	14.00	16.50	16.28	18.45	18.37	20.37	23.87	19.00	18.60	218.55
Gleichen...	15.43	13.16	16.80	16.40	10.80	10.40	16.75	17.40	19.83	19.83	21.83	18.73	197.36
Drumheller...	20.96	9.21	10.75	13.66	14.66	23.00	16.66	19.25	18.33	14.00	22.47	23.25	206.20
Rosedale...	16.83	8.60	8.60	.....	10.00	10.00	9.00	13.00	19.33	17.20	20.60	19.41	164.57
Wayne...	17.28	6.29	12.00	.....	12.00	12.76	9.66	19.25	23.06	17.20	23.07	22.71	179.24
Big Valley...	16.33	14.00	15.66	14.40	12.50	11.00	8.50	9.33	16.00	18.50	19.86	20.57	176.65
Brooks...	21.43	15.83	15.00	14.50	14.75	13.33	16.66	14.25	16.20	20.16	21.40	20.83	204.34
Hanna...	17.06	14.23	13.86	13.71	10.15	11.38	10.30	13.35	17.31	20.94	20.44	17.65	180.38
Lacombe...	18.61	13.58	13.27	15.19	14.40	11.66	10.83	12.00	14.88	16.42	19.44	19.20	179.48
Trochu...	19.40	12.53	10.11	8.27	7.75	9.00	3.66	9.40	17.57	19.12	18.64	17.69	153.14
Three Hills...	26.00	19.33	19.83	20.16	24.50	14.00	10.50	14.00	23.00	20.66	24.33	22.00	237.06
Carbon...	19.91	15.36	12.00	13.40	18.75	17.25	8.50	19.83	20.71	23.62	23.25	22.00	219.72
Battle River...	17.04	13.12	12.00	5.75	3.00	7.00	6.00	7.50	9.85	14.94	18.48	19.26	133.94
Canrose...	18.81	15.36	13.37	16.14	15.60	11.66	16.50	18.16	17.30	17.36	22.09	21.08	203.69
Tofield...	21.00	16.00	13.66	14.66	13.66	17.66	15.50	17.00	15.66	19.25	22.25	18.25	204.55
Clover Bar...	22.12	13.88	16.00	14.28	13.44	11.42	12.22	9.16	18.42	22.66	22.77	21.89	198.26
Edmonton...	25.00	17.50	16.00	17.50	14.00	13.00	9.75	13.00	22.00	25.75	24.06	25.75	223.31
Strathcona...	17.88	18.69	13.15	8.00	4.00	4.00	.....	.....	9.00	9.50	20.50	21.59	126.31
Namoo...	18.80	13.75	11.16	16.00	13.50	12.00	15.00	13.66	16.33	17.25	15.80	20.20	183.45
Cardiff...	19.50	9.00	12.50	9.66	15.33	5.00	5.50	10.00	15.00	22.50	23.00	18.00	164.09
Wabamun...	24.25	11.50	24.00	26.00	26.00	25.00	23.00	23.00	23.00	26.00	22.00	24.00	277.75
Pembina...	24.50	13.00	12.00	15.00	17.00	14.00	13.00	13.00	23.00	27.00	25.00	16.66	213.16
Peace River...	15.33	16.00	11.00	20.00	.....	.....	.....	.....	.....	.....	19.00	16.00	97.33
Average...	18.70	13.13	13.64	13.93	13.53	12.89	12.06	14.40	17.81	20.22	20.79	15.67	150.76

The following table shows the number of days in each month on which SUB-BITUMINOUS Coal was drawn:

Districts	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Total
Pincher Creek	12.86	12.43	12.71	9.00	10.60	13.00	12.75	12.24	20.00	15.62	15.50	14.05	160.76
High River...	20.50	20.50	13.00	15.50	15.00	19.00	15.50	22.00	16.00	22.66	22.00	18.83	220.49
Calgary			24.00					10.00	14.00	17.00	24.00	16.50	105.50
Saunders	23.83	10.33	7.50		3.00	7.00	15.00	15.00	25.00	26.33	25.00	25.00	182.99
Yellowhead ..	20.06	17.71	16.07	21.70	17.00	12.38	11.66	16.16	17.19	19.62	18.27	17.69	205.51
Average ...	15.45	15.24	14.66	15.40	13.90	12.84	13.73	15.08	18.44	20.25	20.95	18.41	194.35

The following table shows the number of days in each month on which BITUMINOUS Coal was drawn:

Districts	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Total
Crow's Nest P.	25.50	21.60	22.04	26.00	26.00	25.00	26.00	26.00	25.00	16.29	14.66	15.66	269.70
Canmore	26.00	24.00	24.00							11.00	15.00	20.00	120.05
Brazeka	16.50	17.50	25.00									4.50	63.50
Jasper Park ..	9.00	4.00	10.00	24.00	20.00	10.00	11.00	14.00	13.00	15.00	15.00	15.00	160.00
Mountain Park	24.17	20.33	25.33								23.00	10.00	102.83
Average ...	20.23	17.48	21.27	25.00	23.00	17.00	18.50	20.00	19.00	14.09	16.91	13.03	225.51

The following table gives the average hours worked per week each month in Districts in the DOMESTIC Coal Field:

Districts	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
Lethbridge.....	37.02	32.16	31.62	30.02	26.34	25.62	32.10	29.28	38.04	38.58	36.18	37.38
Magrath.....	25.16	13.92	12.54	22.14	15.66	20.16	21.66	27.66	30.72	37.74	32.28	26.24
Milk River.....	33.72	24.72	24.78	24.72	18.42	17.46	24.00	27.06	35.82	42.66	43.20	25.62
Taber.....	26.34	24.54	28.80	21.60	33.72	22.92	17.64	31.56	36.06	38.58	37.50	36.78
Bow Island.....	17.52	18.66	19.80	13.14	10.44	14.10	12.66	14.28	21.54	34.50	29.52	20.28
Medicine Hat.....	23.28	13.20	22.14	16.62	36.96	30.72	20.28	27.06	34.56	36.66	31.14	20.04
Aldersyde.....	36.90	31.98	31.56	25.80	30.42	31.26	34.08	33.90	39.12	42.42	35.10	41.14
Gleichen.....	28.56	26.28	31.02	30.24	19.92	19.92	30.90	32.10	38.04	35.22	40.26	34.56
Drumheller.....	38.64	18.36	21.24	25.20	27.06	44.16	30.72	35.52	35.16	24.90	41.46	42.90
Rosedale.....	31.08	17.16	15.84	.....	18.42	42.24	16.62	24.00	37.08	30.54	37.86	35.82
Waync.....	31.92	12.54	23.52	.....	22.14	24.48	17.76	35.52	44.28	37.62	42.54	42.08
Big Valley.....	30.12	27.96	28.92	26.58	23.04	21.32	15.66	17.22	30.72	32.64	36.66	36.98
Brooks.....	39.30	31.68	27.66	26.76	27.18	25.56	30.72	26.88	30.84	35.82	39.48	38.46
Hanna.....	31.50	28.44	25.56	25.32	18.72	22.68	19.02	24.66	33.24	37.26	38.08	32.34
Lacombe.....	34.32	27.18	24.48	28.02	26.58	22.38	19.98	22.14	28.56	29.16	35.88	35.46
Trochu.....	41.82	25.02	20.16	15.24	14.28	17.28	6.72	17.34	33.72	33.96	34.26	32.64
Three Hills.....	48.00	38.64	36.66	37.20	45.18	26.88	19.38	25.86	44.16	36.72	44.88	38.28
Carbon.....	36.72	30.72	31.62	24.72	34.56	33.22	15.66	36.60	31.72	41.94	42.90	40.62
Battle River.....	31.44	26.22	21.24	10.62	5.52	17.92	11.04	13.86	18.90	26.52	34.08	35.52
Camrose.....	34.74	30.72	24.66	29.76	28.80	22.38	30.48	33.48	33.18	31.84	40.74	38.94
Tofield.....	38.76	31.98	25.20	27.06	24.96	33.90	28.62	31.38	30.06	34.20	41.10	33.72
Clover Bar.....	40.86	29.70	29.52	26.34	25.04	21.90	22.56	16.86	35.58	40.26	41.82	40.38
Edmonton.....	46.14	34.98	29.52	32.88	25.86	24.96	18.00	24.00	42.24	45.78	44.40	47.52
Strathcona.....	33.00	37.38	24.24	14.76	7.38	7.68	.....	.....	17.28	14.64	37.86	39.84
Namoo.....	34.68	27.48	20.58	29.46	24.90	23.04	27.66	25.20	31.32	30.66	29.16	37.26
Cardiff.....	36.00	18.00	23.04	17.90	28.26	9.60	10.14	18.42	28.80	37.32	42.48	33.12
Wabamun.....	44.76	22.98	24.28	48.00	48.00	48.00	42.48	42.42	44.16	46.20	40.62	44.28
Pembina.....	45.24	25.98	21.24	27.66	31.38	26.88	24.00	24.00	44.16	48.00	46.14	37.72
Peace River.....	28.26	31.98	20.28	36.90	.....	.....	.....	.....	.....	.....	35.04	27.30
Average.....	34.50	26.22	25.14	25.68	24.48	24.72	22.26	26.58	33.96	35.94	38.40	28.92

THE MINES BRANCH

The following table gives the average hours worked per week in Districts in the SUB-BITUMINOUS Coal Field:

Districts	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
Pincher Creek	23.70	24.84	23.46	16.62	19.56	24.72	23.04	22.56	38.40	25.50	28.62	25.92
High River	37.80	35.52	24.00	28.62	27.66	36.48	28.62	42.90	30.72	40.26	40.62	34.80
Calgary .....	.....	.....	44.28	.....	.....	.....	.....	24.48	26.88	30.18	44.28	30.48
Saunders	43.98	20.64	13.86	.....	5.52	13.44	27.66	27.66	48.00	46.80	46.14	46.14
Yellowhead	37.02	35.60	29.64	40.98	31.38	23.76	21.54	29.82	33.00	34.86	33.72	32.64
Average	27.50	30.48	27.06	28.44	25.62	24.60	25.32	27.84	35.40	36.00	32.70	33.96

The following table gives the average hours worked per week in Districts in the BITUMINOUS Coal Field:

Districts	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
Crow's Nest Pass.....	47.04	43.20	40.68	48.00	48.00	48.00	48.00	48.00	48.00	28.92	27.06	28.92
Canmore	48.00	48.00	44.28	.....	.....	.....	.....	.....	.....	19.56	27.66	36.90
Brazeau	30.42	34.98	46.14	.....	.....	.....	.....	.....	.....	.....	.....	8.28
Jasper Park	16.56	7.98	18.42	44.88	36.96	19.20	20.28	25.86	24.96	26.64	27.66	27.66
Mountain Park.....	44.58	40.62	46.74	.....	.....	.....	.....	.....	.....	.....	42.48	18.48
Average	37.50	35.02	39.24	46.14	42.42	32.64	34.14	36.90	36.48	25.02	31.20	24.06

The following table shows the amount of Mine Timber used during the year:

DOMESTIC COAL FIELD

Districts	Round Timber lin. feet	Lumber B.M.	Ties, lineal feet	Slabs, cords	Lag- ging	Cog- wood cords
Lethbridge	2,218,449	929,216	67,092	56	.....	527
Magrath	4,715	.....	.....	.....	.....	.....
Milk River	34,650	.....	.....	.....	.....	.....
Taber	248,936	13,342	18,303	6	.....	.....
Bow Island	17,683	360	.....	.....	.....	.....
Medicine Hat	92,194	.....	6,975	25	.....	.....
Aldersyde	57,082	4,000	.....	.....	.....	.....
Gleichen	50,735	10,316	.....	8	.....	.....
Drumheller	1,337,609	.....	16,968	.....	.....	.....
Rosedale	393,131	.....	7,127	59	.....	.....
Wayne	873,823	63,700	20,750	.....	.....	.....
Big Valley	137,077	.....	.....	.....	.....	.....
Brooks	59,469	2,700	.....	.....	.....	.....
Hanna	73,875	1,400	.....	.....	.....	.....
Lacombe	41,029	.....	.....	.....	1,000	.....
Trochu	62,825	1,236	.....	.....	.....	.....
Three Hills	86,393	.....	2,774	.....	.....	.....
Carbon	230,174	.....	.....	.....	.....	.....
Battle River	49,174	.....	.....	.....	.....	.....
Camrose	202,817	.....	3,600	18	.....	.....
Tofield	4,000	.....	.....	.....	.....	.....
Clover Bar	1,484,258	.....	34,000	.....	.....	.....
Edmonton	424,199	.....	21,032	.....	.....	.....
Strathcona	49,717	.....	.....	.....	.....	.....
Namoo	73,600	.....	.....	.....	.....	.....
Cardiff	196,260	.....	.....	.....	.....	.....
Wabamun	210,061	.....	.....	.....	.....	.....
Pembina	215,740	.....	44,835	.....	.....	.....
Peace River	1,446	.....	.....	.....	.....	.....
Total	8,931,121	1,026,270	243,456	162	1,000	527

The following table shows the amount of Mine Timber used during the year:

SUB-BITUMINOUS COAL FIELD

District	Round Timber lin- eal feet	Square Timber, B.M.	Ties	Lag- ging	Slabs in cords
Pincher Creek	23,010	.....	.....	.....	.....
High River	16,660	.....	.....	.....	.....
Calgary	3,441	.....	.....	.....	.....
Saunders	190,870	.....	13,144	108,672	.....
Yellowhead	199,982	.....	.....	.....	.....
Total	433,963	.....	13,144	108,672	.....

The following table shows the amount of Mine Timber used during the year:

BITUMINOUS COAL FIELD

District	Round Timber	Square Timber	Ties	Lagging	Slabs in cords
Crow's Nest Pass.....	1,457,489	303,213	5,000	373,058	35
Canmore	230,200	200,000	.....	.....	.....
Brazeau	853,031	.....	.....	.....	.....
Jasper Park	27,924	.....	.....	.....	.....
Mountain Park	513,559	.....	3,215	782,790	150
Total	3,082,203	503,213	8,215	1,155,848	185

Particulars of Lamps used in Mines in the DOMESTIC Coal Field:

	1919	1920	1921	1922	1923	1924
Portable Electric Lamps, Edison Cap Type	180	940	1,063	1,000	807	780
Portable Electric Lamps, Ceag Hand Type	35	35	35	35	35	43
Portable Electric Lamps, Wico Cap Type	550	500	500	500	500	569
Portable Electric Lamps, Oldham Cap Type .....	.....	.....	.....	.....	.....	25
Safety Lamps, Wolfe Flame Type	670	495	524	421	125	152
Safety Lamps, Koehler Flame Type .....	.....	.....	6	.....	3	6
Safety Lamps, Marsaut Type .....	.....	.....	1	.....	.....	.....
Open Lights, Carbide Type	3,972	3,422	3,557	3,320	3,861	4,723
Total	5,407	5,392	5,686	5,276	5,331	6,298

Particulars of Lamps used in Mines in the SUB-BITUMINOUS Coal Field:

	1919	1920	1921	1922	1923	1924
Safety Lamps, Wolfe Flame Type .....	.....	.....	.....	54	78	62
Open Lights, Carbide Type	149	273	252	223	325	369
Total	149	273	252	277	403	431

Particulars of Lamps used in Mines in the BITUMINOUS Coal Field:

	1919	1920	1921	1922	1923	1924
Portable Electric Lamps, Edison Cap Type	2,192	2,214	2,612	2,849	3,545	3,485
Portable Electric Lamps, Oldham Cap Type		71	71	9	47	
Portable Electric Lamps, General Electric Cap Type		1,441	1,301	1,218	1,186	894
Safety Lamps, Wolfe Flame Type	1,404					
Total	3,596	3,726	3,984	4,147	4,778	4,379

Particulars of Lamps used in Mines in the ANTHRACITE Coal Field:

	1919	1920	1921	1922	1923	1924
Safety Lamps, Wolfe Flame Type	350	361	250	250	9	

EXPLOSIVES

The following table shows the quantity of Explosives used in pounds for blasting coal in the DOMESTIC Coal Field:

Districts	Name of Explosive										Total
	Black Powder	CXL-ite	Coalite E.	40% Dynamite	Monobel No. 3	Monobel No. 4	Miners' Friend No. 9	Stumping Powder	60% Dynamite	30% Dynamite	
Lethbridge	51,106	.....	.....	.....	.....	11,216	.....	.....	.....	2,680	65,002
Magrath	1,235	.....	.....	.....	.....	.....	.....	.....	.....	.....	1,235
Milk River	7,980	.....	.....	.....	.....	.....	.....	.....	.....	.....	7,980
Taber	43,410	.....	.....	60	.....	.....	.....	.....	.....	.....	43,470
Bow Is'and	4,505	.....	.....	.....	.....	.....	.....	.....	.....	.....	4,505
Medicine Hat	18,850	.....	.....	150	.....	.....	.....	.....	.....	.....	19,000
Aldersyde	4,225	.....	.....	.....	.....	.....	.....	.....	.....	.....	4,225
Gleichen	6,545	.....	.....	.....	.....	50	.....	.....	.....	.....	6,595
Drumheller	132,344	.....	.....	.....	2,100	.....	13,260	.....	.....	.....	147,704
Rosedale	44,316	.....	.....	802	.....	270	.....	.....	.....	.....	45,388
Wayne	121,987	.....	.....	.....	.....	.....	125	.....	.....	.....	122,112
Big Valley	7,020	.....	.....	.....	.....	.....	.....	.....	.....	.....	7,020
Brooks	8,425	.....	.....	.....	.....	.....	.....	.....	.....	.....	8,425
Hanna	21,260	.....	.....	.....	.....	.....	.....	.....	.....	.....	21,260
Lacombe	4,910	.....	.....	.....	.....	.....	.....	.....	.....	.....	4,910
Trochu	6,675	.....	.....	.....	.....	.....	.....	50	.....	.....	6,725
Three Hills	47,875	.....	400	.....	.....	.....	.....	.....	.....	.....	48,275
Carbon	33,400	.....	.....	.....	.....	.....	.....	.....	.....	.....	33,400
Battle River	4,476	.....	.....	.....	.....	.....	.....	.....	5	.....	4,481
Camrose	775	.....	500	.....	.....	.....	155	.....	.....	.....	1,430
Tofield	17,625	.....	.....	1,050	25	.....	.....	350	.....	.....	19,050
Clover Bar	94,240	.....	1,100	.....	.....	100	10,808	4,350	.....	.....	110,598
Edmonton	5,975	400	5,150	.....	.....	26,450	.....	1,350	.....	.....	39,325

[illegible]

EXPLOSIVES

The following table shows the quantity of Explosives used in pounds for blasting coal in the SUB-BITUMINOUS Coal Field:

Districts	Name of Explosive											Total	
	Black Powder	Coalite A.	Coalite E.	Coalite C.	CXL-ite	30% Dynamite	40% Dynamite	Dynobel No. 4	Polar Forcite	Polar Mono-bel No. 2	Polar Mono-bel No. 4		Miners' Friend No. 9
Pincher Creek	1,750						608				882	35	3,275
High River										475			475
Calgary	50									300	400		750
Saunders	500											22,580	23,080
Yellowhead	6,750	2,305	12,567	12,300	100	1,350	46,050	20,201	1,100	4,520	12,300	200	119,743
Total	9,050	2,305	12,567	12,300	100	1,350	46,658	20,201	1,100	5,295	13,582	22,815	147,323

EXPLOSIVES

The following table shows the quantity of explosives used in pounds for blasting coal in the BITUMINOUS Coal Field:

Districts	Name of Explosive								Total
	Coalite A.	Coalite F.	CXL-ite	Polar Dyno- bel No. 4	Polar Mono- bel No. 2	Polar Mono- bel No. 3	Polar Mono- bel No. 4	Miners' Friend No. 9	
Crow's Nest Pass .....	.....	1,989	.....	26,006	6,600	.....	56,645	3,600	94,840
Canmore .....	.....	.....	.....	.....	.....	.....	35,244	.....	35,244
Brazeau .....	.....	.....	.....	.....	5,000	.....	.....	.....	5,000
Jasper Park .....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Mountain Park	7,585	.....	928	.....	.....	16,323	20,710	.....	45,546
Total	7,585	1,989	928	26,006	11,600	16,323	112,599	3,600	180,630

The following table shows the number of tons of DOMESTIC Coal produced per pound of explosive used for blasting coal:

Districts	Number of tons mined	Number of pounds of explosives used	Tons of coal mined per pound of explosive used.
Lethbridge	406,585	65,002	6.25
Magrath	2,514	1,235	2.04
Milk River	7,261	7,980	.92
Taber	90,644	43,470	2.09
Bow Island	4,556	4,505	1.01
Medicine Hat	50,203	19,000	2.64
Aldersyde	9,933	4,225	2.35
Gleichen	9,123	6,595	1.38
Drumheller	669,523	147,704	4.53
Rosedale	127,748	45,388	2.81
Wayne	311,956	122,112	2.55
Big Valley	55,654	7,020	7.92
Brooks	8,088	8,425	.96
Hanna	42,438	21,260	1.99
Lacombe	13,726	4,910	2.79
Trochu	16,720	6,725	2.49
Three Hills	69,569	48,275	1.44
Carbon	108,145	33,400	3.24
Battle River	17,285	4,481	3.86
Camrose	90,905	1,430	63.57
Tofield	110,551	19,050	5.80
Clover Bar	400,874	110,598	3.62
Edmonton	138,915	39,325	3.53
Strathcona	7,289	3,575	2.03
Namoo	19,268	4,730	4.07
Cardiff	108,939	16,990	6.41
Wabamun	80,491	600	134.15
Pembina	116,801	12,132	9.62
Peace River	956	420	2.28
Total	3,096,660	810,562	3.82

The following table shows the number of tons of SUB-BITU-MINOUS Coal produced per pound of explosive used for blasting coal:

Districts	Number of tons mined	Number of pounds of explosives used	Tons of coal mined per pound of explosive used.
Pincher Creek	12,680	3,275	3.87
High River	3,717	475	8.03
Calgary	953	750	1.27
Saunders	68,546	23,080	2.97
Yellowhead	506,050	119,743	4.22
Total	591,946	147,323	4.01

The following table shows the number of tons of BITUMINOUS Coal produced per pound of explosive used for blasting coal:

Districts	Number of tons mined	Number of pounds of explosives used	Tons of coal mined per pound of ex- plosive used.
Crow's Nest Pass	912,664	94,840	9.62
Canmore	134,827	35,244	3.82
Brazeau	174,772	5,000	34.95
Jasper Park	6,547	.....	.....
Mountain Park	286,297	45,546	6.29
Total	1,515,107	180,620	8.39

Estimated number of shots fired for blasting coal in the DOMESTIC Coal Field:

District	Electric Detonator	Electric Squib	Fuse	Squib	Total
Lethbridge	23,391	24,000	4,660	27,429	79,480
Magrath				4,680	4,680
Milk River			315	11,120	11,435
Taber	75		20,817	8,834	29,726
Bow Island				7,180	7,180
Medicine Hat			180	14,336	14,516
Aldersyde				7,495	7,495
Gleichen			7,488		7,488
Drumheller	19,027		127,990		147,017
Rosedale	745		30,818		31,563
Wayne			81,039		81,039
Big Valley			12,952		12,952
Brooks			125	5,810	5,935
Hanna			18,395	4,440	22,835
Lacombe			3,199	1,700	4,899
Trochu			8,608	2,565	11,173
Three Hills	145		21,158		21,303
Carbon			35,397	208	35,605
Battle River			2,674	420	3,094
Camrose	177		2,375		2,552
Tofield			14,001		14,001
Clover Bar	4,710	9,477	70,200		84,387
Edmonton	13,500		21,715		35,215
Strathcona			4,738		4,738
Namao			2,315		2,315
Cardiff			15,284		15,284
Wabamun			900		900
Pembina	12,877		80		12,957
Peace River			425		425
Total	74,467	33,477	507,848	96,217	712,189

Estimated number of shots fired for blasting coal in the SUB-BITUMINOUS Coal Field:

District	Electric Detonator	Electric Squib	Fuse	Squib	Total
Pincher Creek	1,159		1,362	404	2,925
High River			1,050		1,050
Calgary			827		827
Saunders			16,915		16,915
Yellowhead	35,955		2,000		37,955
Total	37,114		22,154	404	59,672

Estimated number of shots fired for blasting coal in the BITU-MINOUS Coal Field:

District	Electric Detonator	Electric Squib	Fuse	Squib	Total
Crow's Nest Pass..	103,946	.....	.....	.....	103,946
Canmore.	42,325	.....	.....	.....	42,325
Brazeau.	7,500	.....	.....	.....	7,500
Jasper Park. ....	.....	.....	.....	.....	.....
Mountain Park	41,171	.....	.....	.....	41,171
Total	194,942	.....	.....	.....	194,942

Number of miss-fire shots recorded in blasting coal in the Province:

DOMESTIC COAL FIELD

District	Electric Detonator	Electric Squib	Fuse	Squib	Total
Lethbridge	6	113	8	61	188
Magrath				2	2
Milk River				20	20
Taber	2		2	3	7
Bow Island				10	10
Medicine Hat			2	58	60
Aldersyde				9	9
Gleichen			14		14
Drumheller	4		73		77
Rosedale			22		22
Wayne			132		132
Big Valley			15		15
Brooks				3	3
Hanna			23	15	38
Lacombe			40		40
Trochu			32	3	35
Three Hills			2		2
Carbon			29	7	36
Battle River			6		6
Camrose	6		10		16
Tofield					
Clover Bar	12	19	13		44
Edmonton			38	4	42
Strathcona			19		19
Namao			12		12
Cardiff			7		7
Wabamun			2		2
Pembina	5				5
Peace River			3		3
Total	35	132	504	195	866

Number of miss-fire shots recorded in blasting coal in the Province:

SUB-BITUMINOUS COAL FIELD

District	Electric Detonator	Electric Squib	Fuse	Squib	Total
Pincher Creek	10	.....	.....	.....	10
High River .....	.....	.....	5	.....	5
Calgary .....	.....	.....	3	.....	3
Saunders .....	.....	.....	40	.....	40
Yellowhead	63	.....	.....	.....	63
Total	73	.....	48	.....	121

Number of miss-fire shots recorded in blasting coal in the Province:

BITUMINOUS COAL FIELD

District	Electric Detonator	Electric Squib	Fuse	Squib	Total
Crow's Nest Pass..	88	.....	.....	.....	88
Canmore	28	.....	.....	.....	28
Brazeau	54	.....	.....	.....	54
Jasper Park .....	.....	.....	.....	.....	.....
Mountain Park ...	31	.....	.....	.....	31
Total	201	.....	.....	.....	201

THE MINES BRANCH

The following table shows the quantity of explosives used in pounds for blasting rock in Coal Mines in the Province:

[illegible]

Estimated number of shots fired for blasting rock in Coal Mines in the Province:

District	Electric Detonator	Electric Squib	Fuse	Squib	Total
Crow's Nest Pass...	15,824	.....	.....	.....	15,824
Pincher Creek	35	.....	698	.....	733
Lethbridge .....	.....	.....	463	400	863
Magrath .....	.....	.....	.....	.....	.....
Milk River .....	.....	.....	.....	.....	.....
Taber	25	.....	1,315	.....	1,340
Bow Island .....	.....	.....	10	375	385
Medicine Hat .....	.....	.....	20	.....	20
Aldersyde .....	.....	.....	410	70	480
High River .....	.....	.....	250	.....	250
Calgary .....	.....	.....	.....	.....	.....
Canmore	8,500	.....	.....	.....	8,500
Gleichen .....	.....	.....	220	.....	220
Drumheller .....	.....	.....	6,555	.....	6,555
Rosedale .....	.....	.....	240	.....	240
Wayne	465	.....	939	.....	1,404
Big Valley .....	.....	.....	.....	.....	.....
Saunders .....	.....	.....	300	.....	300
Brazeau	1,275	.....	.....	.....	1,275
Brooks .....	.....	.....	450	.....	450
Hanna .....	.....	.....	80	.....	80
Lacombe .....	.....	.....	40	.....	40
Trochu .....	.....	.....	560	.....	560
Three Hills .....	.....	.....	.....	.....	.....
Carbon .....	.....	.....	300	.....	300
Battle River .....	.....	.....	6	.....	6
Camrose .....	.....	.....	24	.....	24
Tofield .....	.....	.....	100	.....	100
Clover Bar	1,053	.....	.....	.....	1,053
Edmonton .....	.....	.....	760	.....	760
Strathcona .....	.....	.....	.....	.....	.....
Namao	70	.....	60	.....	130
Cardiff .....	.....	.....	.....	.....	.....
Wabamun .....	.....	.....	.....	.....	.....
Pembina	5	.....	.....	.....	5
Jasper Park	5,160	.....	.....	.....	5,160
Yellowhead	489	.....	.....	.....	489
Mountain Park	9,695	.....	.....	.....	9,695
Peace River .....	.....	.....	400	.....	400
Total	42,596	.....	14,200	845	57,641

The following table gives the number of miss-fire shots recorded in blasting rock in Coal Mines in the Province:

District	Electric Detonator	Electric Squib	Fuse	Squib	Total
Crow's Nest Pass..	1	.....	.....	.....	1
Pincher Creek
Lethbridge
Magrath
Milk River
Taber	1	.....	.....	.....	1
Bow Island
Medicine Hat
Aldersyde
High River
Calgary
Canmore	1	.....	.....	.....	1
Gleichen
Drumheller	1	.....	1
Rosedale
Wayne	5	.....	9	.....	14
Big Valley
Saunders
Brazeau
Brooks
Hanna	1	.....	1
Lacombe
Trochu	3	.....	3
Three Hills
Carbon
Battle River
Camrose
Tofield
Clover Bar
Edmonton
Strathcona
Namoo
Cardiff
Wabamun
Pembina
Jasper Park	1	.....	.....	.....	1
Yellowhead
Mountain Park	56	.....	.....	.....	56
Peace River	3	.....	3
Total	65	.....	17	.....	82

ELECTRICITY

The Rules for the Installation and Use of Electricity in or about Mines require a return to be made to the Department on or before January 15th of each year, giving size, type and any other particulars which may be required of electrical apparatus in use above and below ground. According to the returns received from the different mines, electricity was used in 63 different mines in 1924. A summary of these returns regarding the horse-power of electrical apparatus in use is given below:

Districts	No. of Mines using Electricity	Horse Power of Electrical Apparatus in use.		Total Horse Power
		Above Ground	Below Ground	
Crow's Nest Pass	5	7,517	1,910	9,427
Pincher Creek .....	..	.....	.....	.....
Lethbridge	6	978	378	1,356
Magrath .....	..	.....	.....	.....
Milk River .....	..	.....	.....	.....
Taber	4	157½	153	310½
Bow Island .....	..	.....	.....	.....
Medicine Hat	2	100	90	190
Aldersyde .....	..	.....	.....	.....
High River .....	..	.....	.....	.....
Calgary .....	..	.....	.....	.....
Canmore	1	725	100	825
Banff .....	..	.....	.....	.....
Gleichen .....	..	.....	.....	.....
Drumheller	13	1,051	1,234	2,285
Rosedale	3	180	290	470
Wayne	8	477	317	794
Big Valley	1	76	13	89
Saunders	1	24½	.....	24½
Brazeau	1	417	100	517
Brooks .....	..	.....	.....	.....
Hanna .....	..	.....	.....	.....
Lacombe .....	..	.....	.....	.....
Trochu .....	..	.....	.....	.....
Three Hills .....	..	.....	.....	.....
Carbon	2	35½	90	125½
Battle River .....	..	.....	.....	.....
Camrose	1	10	7½	17½
Tofield .....	..	.....	.....	.....
Clover Bar	3	190½	183	373½
Edmonton	3	240	215	455
Strathcona .....	..	.....	.....	.....
Namoo .....	..	.....	.....	.....
Cardiff	1	.....	90	90
Wabamun	1	40	65	105
Pembina	1	132	381	513
Jasper Park	1	170	.....	170
Yellowhead	2	245	.....	245
Mountain Park	3	180	120	300
Peace River .....	..	.....	.....	.....
Total	63	12,946	5,736½	18,682½

A closer estimate of the extent to which electricity is used in the different districts may be made by considering the number of tons of coal raised per electrical horse-power employed in all mines under *The Mines Act*. The following table will give this information:

TONS OF COAL PER ELECTRICAL HORSE-POWER EMPLOYED

Districts	Tons of Coal mined in 1924	Tons of Coal Mined		Total Above and Below Ground
		Above	Below	
Crow's Nest Pass.....	912,664	121	478	97
Pincher Creek	12,680	.....	.....	.....
Lethbridge	406,585	415	1,075	299
Magrath	2,514	.....	.....	.....
Milk River	7,261	.....	.....	.....
Taber	90,644	575	592	292
Bow Island	4,556	.....	.....	.....
Medicine Hat	50,203	502	557	259
Aldersyde	9,933	.....	.....	.....
High River	3,717	.....	.....	.....
Calgary	953	.....	.....	.....
Canmore	134,827	186	1,348	163
Banff .....	.....	.....	.....	.....
Gleichen	9,123	.....	.....	.....
Drumheller.....	669,523	637	543	293
Rosedale	127,748	710	440	272
Wayne	3 11,956	654	984	393
Big Valley	55,654	732	4,281	625
Saunders	68,546	280	.....	280
Brazeau	174,772	419	1,747	338
Brooks	8,088	.....	.....	.....
Hanna	42,438	.....	.....	.....
Lacombe	13,726	.....	.....	.....
Trochu	16,720	.....	.....	.....
Three Hills	69,569	.....	.....	.....
Carbon	108,145	3,046	1,201	862
Battle River	17,285	.....	.....	.....
Camrose	90,905	9,090	12,121	5,195
Tofield	110,551	.....	.....	.....
Clover Bar	400,874	2,104	2,190	1,073
Edmonton	138,915	570	646	305
Strathcona	7,289	.....	.....	.....
Namoo	19,268	.....	.....	.....
Cardiff	108,939	.....	1,210	1,210
Wabamun	80,491	2,012	1,238	766
Pembina	116,801	885	307	228
Jasper Park	6,547	38	.....	38
Yellowhead	506,050	2,065	.....	2,065
Mountain Park	286,297	1,590	2,385	961
Peace River	956	.....	.....	.....

COAL-CUTTING MACHINERY

Districts	No. of Coal-cutting Machines operated by		Tons of Coal mined by	
	Electricity	Compressed Air	Electricity	Compressed Air
Crow's Nest Pass.....	.....	18	.....	1,000
Pincher Creek.....	.....	.....	.....	.....
Lethbridge.....	.....	101	.....	311,947
Magrath.....	.....	.....	.....	.....
Milk River.....	.....	1	.....	125
Taber.....	2	26	2,338	80,762
Bow Island.....	.....	.....	.....	.....
Medicine Hat.....	3	3	38,230	8,323
Aldersyde.....	.....	.....	.....	.....
High River.....	.....	.....	.....	.....
Calgary.....	.....	.....	.....	.....
Banff.....	.....	.....	.....	.....
Canmore.....	.....	.....	.....	.....
Gleichen.....	.....	1	.....	872
Drumheller.....	35	6	596,325	29,297
Rosedale.....	10	.....	94,117	.....
Wayne.....	8	4	165,515	63,817
Big Valley.....	2	2	45,000	1,965
Saunders.....	.....	10	.....	65,300
Brazeau.....	.....	.....	.....	.....
Brooks.....	.....	.....	.....	.....
Hanna.....	.....	4	.....	4,788
Lacombe.....	.....	.....	.....	.....
Trochu.....	.....	2	.....	6,200
Three Hills.....	.....	2	.....	32,500
Carbon.....	3	2	45,000	6,500
Battle River.....	.....	.....	.....	.....
Camrose.....	.....	.....	.....	.....
Tofield.....	.....	.....	.....	.....
Clover Bar.....	4	5	77,467	48,974
Edmonton.....	3	3	101,974	16,977
Strathcona.....	.....	.....	.....	.....
Namoo.....	.....	.....	.....	.....
Cardiff.....	3	.....	88,695	.....
Wabamun.....	2	.....	55,630	.....
Pembina.....	3	.....	116,533	.....
Jasper Park.....	.....	.....	.....	.....
Yellowhead.....	.....	5	.....	8,000
Mounain Park.....	.....	.....	.....	.....
Peace River.....	.....	.....	.....	.....
Total.....	78	195	1,426,824	687,347

ACCIDENTS

Summary table showing Accidents occurring in Mines during 1906 to 1924 inclusive:

Year	Output	Accidents			Tons of Coal mined per Accident		
		Fatal	Seri-ous	Slight	Fatal	Serious	Slight
1906.....	1,385,000	10	11	20	138,500	125,909	60,250
1907.....	1,834,745	19	18	68	96,565	101,930	26,981
1908.....	1,845,000	11	38	13	167,727	48,552	141,923
1909.....	2,174,329	9	42	18	241,952	51,769	120,796
1910.....	3,036,757	61†	41	58	49,782	71,067	52,375
1911.....	1,694,564	7	32	45	242,080	52,955	37,656
1912.....	3,446,349	21	38	58	164,111	90,693	59,419
1913.....	4,306,346	28	60	83	152,789	71,772	51,883
1914.....	3,821,739	209*	44	50	18,286	86,857	76,434
1915.....	3,434,891	18	33	33	190,827	104,087	104,087
1916.....	4,648,604	20	51	34	232,430	91,149	136,723
1917.....	4,863,414	24	62	39	202,642	78,442	124,703
1918.....	6,148,620	22	60	77	279,483	102,477	79,860
1919.....	5,022,412	21	56	54	239,162	89,685	93,008
1920.....	6,908,923	29	53	38	238,733	130,371	181,814
1921.....	5,937,195	21	64	25	282,721	92,769	237,488
1922.....	5,976,432	35	38	35	170,755	157,274	170,755
1923.....	6,866,923	22	44	10	312,133	156,066	686,692
1924.....	5,203,713	21	42	40	247,796	123,898	130,093
Total	78,555,956	608	827	698	129,204	94,988	112,544

†Including thirty-one deaths caused by the Bellevue explosion.

*Including one hundred and eighty-nine deaths caused by the Hillcrest explosion.

Table showing Accidents during 1924, classified according to the Coal Field in which they occurred:

Districts	Output	Accidents			Tons of Coal Mined per Accident.		
		Fatal	Seri-ous	Slight	Fatal	Serious	Slight
Domestic	3,096,660	14	28	28	221,190	110,595	110,595
Sub-Bituminous ...	591,946	3	7	8	197,315	84,564	73,993
Bituminous	1,515,107	4	7	4	378,777	216,444	378,777

Classification of Accidents according to outputs of Mines which produced during the year 1924:

	Under 10,000 tons	From 10,000 to 50,000 tons	From 50,000 to 100,000 tons	From 100,000 to 200,000 tons	From 200,000 to 300,000 tons	Total
Fatal	3	5	5	5	3	21
Serious	5	11	13	11	2	42
Slight	7	10	16	6	1	40
Total	15	26	34	22	6	103

Table showing number of tons of Coal extracted per Accident in Mines which produced during the year 1924:

	Under 10,000 tons	From 10,000 to 50,000 tons	From 50,000 to 100,000 tons	From 100,000 to 200,000 tons	From 200,000 to 300,000 tons	Total
Fatal	98,365	198,382	330,854	359,524	154,938	247,796
Serious	59,019	90,174	127,252	163,420	232,406	123,874
Slight	42,156	99,191	103,392	299,603	464,813	130,093
Total	19,673	38,150	48,655	81,710	77,469	50,521

The following table shows the number of tons produced per Accident:

DOMESTIC COAL MINES

Districts	Output	Average No. of Men Employed	No. of Tons Produced per Accident.			
			Fatal	Serious	Slight	Total
Lethbridge	406,585	879	203,292	67,764	.....	50,823
Magrath	2,514	11	.....	.....	.....	.....
Milk River	7,261	21	.....	.....	.....	.....
Taber	90,644	243	90,644	90,644	30,214	22,661
Bow Island	4,556	15	.....	.....	.....	.....
Medicine Hat	50,203	94	50,203	.....	.....	50,203
Aldersyde	9,933	26	.....	.....	.....	.....
Gleichen	9,123	21	.....	.....	.....	.....
Drumheller	669,523	737	133,904	133,904	133,904	44,635
Rosedale	127,748	198	63,874	63,874	.....	31,937
Wayne	311,956	428	311,956	103,985	103,985	44,989
Big Valley	55,654	78	.....	.....	.....	.....
Brooks	8,088	19	.....	.....	.....	.....
Hanna	42,438	72	.....	21,219	.....	21,219
Lacombe	13,726	31	.....	.....	.....	.....
Trochu	16,720	50	.....	16,720	16,720	8,360
Three Hills	69,569	87	69,569	.....	69,569	34,784
Carbon	108,145	143	.....	36,048	27,036	15,449
Battle River	17,285	40	.....	.....	.....	.....
Camrose	90,905	125	.....	.....	.....	.....
Tofield	110,551	82	.....	.....	.....	.....
Clover Bar	400,874	576	.....	200,437	40,087	33,406
Edmonton	138,915	205	.....	138,915	.....	138,915
Strathcona	7,289	17	.....	7,289	.....	7,289
Namao	19,268	29	.....	.....	.....	.....
Cardiff	108,939	100	.....	.....	.....	.....
Wabamun	80,491	91	80,491	80,491	.....	40,245
Pembina	116,801	119	.....	.....	116,801	116,801
Peace River	956	4	.....	.....	.....	.....
Total	3,096,660	4,543	221,190	114,691	110,595	44,879

The following table shows the number of tons produced per Accident:

SUB-BITUMINOUS COAL MINES

Districts	Output	Average No. of Men Employed	No. of Tons Produced per Accident.			
			Fatal	Serious	Slight	Total
Pincher Creek ..	12,680	30	.....	.....	.....	.....
High River	3,717	9	.....	.....	.....	.....
Calgary	953	5	.....	.....	.....	.....
Saunders	68,546	135	.....	.....	.....	.....
Yellowhead	506,050	425	168,683	72,150	63,256	28,114
Total	591,946	604	197,315	84,564	73,993	32,886

The following table shows the number of tons produced per Accident:

BITUMINOUS COAL MINES

Districts	Output	Average No. of Men Employed	No. of Tons Produced per Accident.			
			Fatal	Serious	Slight	Total
Crow's Nest Pass	912,664	1,188	304,221	152,110	912,664	91,266
Canmore	134,827	188	134,827	.....	67,413	44,942
Brazeau	174,772	327	.....	174,772	.....	174,772
Jasper Park	6,547	74	.....	6,547	.....	6,547
Mountain Park ..	286,297	394	.....	.....	.....	.....
Total	1,515,107	2,171	378,777	189,388	505,035	101,007

NOTE:—No mines operating in the Anthracite field.

LIST OF ACCIDENTS WHICH HAVE OCCURRED IN THE DOMESTIC FIELD IN 1924

Date.	Mine	Name	Age	Occupation	Details
Jan. 14	Great West Coal Co., Ltd., Clover Bar ..	E. Bell	29	Miner	He was loading coal in a pillar which had been undercut by machine, when a fellow-workman removed a sprag causing the balance of the undercut coal to fall and strike Bell on the back. Bruised left shoulder and arm and injured back.
Jan. 24	Frank Charrello	D. Falvo	38	Overman	He was working at the face of room when a piece of rock fell from the roof striking him on the leg. Fractured leg.
Feb. 6	Alberta Block Coal Co., Ltd.	W. Glogowski	36	Machine runners helper	They were operating an electric coal cutting machine at the face of "H" entry when a heavy fall of roof rock occurred striking and burying both men. Wm. Glogowski had fractured ribs on left side. Michael received cuts about the head, both men were dead when found, death being caused by asphyxia through their heads being doubled under their bodies by large pieces of rock from the cave.
		M. Glogowski	28	Machine runner	He was inspecting the loading facilities on the tippie and was crossing the bridge over the Marcus screen onto the rock track and stepped in front of two rock cars which were being taken from the chute to the rock dump and was struck by the cars. Fracture of right leg above ankle, ribs on left side broken and pelvis fractured. He died in the Drumbeller hospital from pneumonia and shock on February 15, 1924.
Feb. 12	Rosedale Coal Co., Ltd.	W. A. Davidson ...	47	Superintendent ..	

LIST OF ACCIDENTS WHICH HAVE OCCURRED IN THE DOMESTIC FIELD IN 1924—(Continued)

Date	Mine	Name	Age	Occupation	Details
Mar. 11	Canadian Pacific Railway Dept. Natural Resources	A. George	32	Loader	He was working at the face of 27 Butt 6 face entry S.W. mining coal when a piece of rock fell from the roof striking him on the right leg. Fractured leg below knee.
Mar. 24	Canadian Pacific Railway, Dept. Natural Resources	H. Kerr W. Cain	18 26	Trapper Pipeman's Helper	They were riding on a trip of loaded cars which was being hauled from the main East District. The trip broke away from the rope on a grade and was ditched at the derail switch, Kerr having his left leg broken below the knee and Cain having a badly crushed ankle and severe injuries to his chest from the effects of which he died in the Galt hospital on the morning of March 25.
Apr. 4	Reed & Brown, Ltd.	T. McLoughlin	55	Miner	He was working at the face of a pillar when a slab of clay fell from the roof striking him on the ankle and fracturing same.
Apr. 16	Marcus Colls., Ltd.	R. Wall	21	Driver	He was driving a horse hauling a loaded car which became derailed crushing him against the timbers, badly lacerated right arm and right knee twisted.
Apr. 26	Marcus Colls., Ltd.	J. H. Watts	36	Laborer	He was coupling cars at the shaft bottom and got squeezed between cars. Chest squeezed and three ribs cracked.
June 23	Peerless Carbon Colls., Ltd.	J. Schofield	40	Driver	He was driving a horse hauling loaded cars, riding on the first car, the horse stopped and Schofield fell between the car and the side of the entry being crushed about the hips, resulting in fractured pelvis.

LIST OF ACCIDENTS WHICH HAVE OCCURRED IN THE DOMESTIC FIELD IN 1924—(Continued)

Date	Mine	Name	Age	Occupation	Details.
Aug. 1	North American Colls., Ltd.	L. Gresl	27	Pipeman	He was riding on a timber truck taking a pump into number 9 Butt W. when the grip became loosed from the rope and in attempting to jump off the truck he fell in front of the car which passed over him. Seriously bruised about chest, with fracture of base of skull.
Aug. 2	Midland Collieries, Ltd.	J. Nicol H. Duholki G. Richards	48 28 25	Overman Outside foreman Pumpman	Nicol and Duholki were engaged brushing the Main North Entry, Richards being with them at the time of the accident. A shot was fired in the brushing which ignited some gas which caused an explosion killing the three men.
Aug. 15	Peerless Carbon Colls., Ltd.	N. Nickifor	30	Miner	He was working in a room when a fall of rock took place, striking him on the shoulders and hip bruising same.
Aug. 21	C. S. Donaldson Co.	F. Linters	40	Miner	He was on his way to the surface travelling on the Main Entry and stepped aside to pass a trip of loaded cars when the horse started and Linters losing his lamp was caught by the cars receiving broken ribs and bad cut on face.
Aug. 23	John Suran	J. Suran, Jr. A. Suran	24 21	Miner Miner	They were working at the face of the Main Entry, the belt operating the fan broke allowing gas to accumulate which being ignited by the open lamps burned them severely about the hands and face, from the effects of which Art Suran died on August 27 in the Galt Hospital.
Sept. 4	Peerless Carbon Colls., Ltd.	L. M. Kanning	33	Machine man	He was operating a coal cutting machine when a piece of rock dropped between the timbers striking him on the foot. Crushed foot.

LIST OF ACCIDENTS WHICH HAVE OCCURRED IN THE DOMESTIC FIELD IN 1924—(Continued)

Date	Mine	Name	Age	Occupation	Details.
Sept. 27	Ajax Coal Company,, Ltd.	J. S. Shephard	25	Miner	He was working in No. 2 North Entry, a shot was being fired in the crosscut from No. 1, North Entry. Shephard and his partner were warned that the shot was being fired, they had been out to the switch and were returning to the face of the entry when the shot exploded, blowing through onto No. 2 Entry a large lump of coal striking Shephard, breaking his right arm below the shoulder and causing internal injuries resulting in instant death.
Oct. 6	J. D. Thomas Coal Co., Ltd.	E. Richards	45	Miner	He was working at the face of 10 room off main south entry when a large piece of coal fell from the face striking him on the leg. Left leg broken below knee.
Oct. 13	Ruby Glow Coal Co., Ltd.	T. Stevens	36	Machine Man's Helper	He was engaged scraping after the coal cutting machine when a small piece of coal fell from the face striking him on the back, injuring the muscles on lower left side of his back.
Oct. 16	Commonwealth Coal Co., Ltd.	John Diachuk	28	Driver	He was driving a horse hauling a trip of loaded cars to the foot of the slope when he slipped and fell in front of the first car, which crushed him. Three ribs fractured, also compound fracture of right ankle.
Oct. 16	Marcus Coal Mines, Ltd.	A. Seehagen	40	Miner	He was erecting timber in No. 3 room off D. North East Entry when the timber slipped and struck him on the chest fracturing a rib.
Oct. 17	Marcus Coal Mines, Ltd.	E. O'Donnell	27	Stableman	He was harnessing a horse which kicked him in the back causing a contusion over the bladder.

LIST OF ACCIDENTS WHICH HAVE OCCURRED IN THE DOMESTIC FIELD IN 1924—(Continued)

Date	Mine	Name	Age	Occupation	Details.
Oct. 21	Newcastle Junior Mining Co., Ltd.	T. Broadhurst	65	Loader	He was sitting by the side of the track in his working place while a driver was hauling out his loaded car and slipped forward against the moving car, and was crushed between the side of the car and a prop. Bruised back and head.
Oct. 21	Oliver Coal Company	J. Vanhees	36	Miner	He was firing a shot in the coal in No. 7 room neck, when the shot exploded before he got clear. Injuries to face and eyes.
Oct. 24	Wm. Heath	Wm. Heath	48	Operator	The mine had not been in operation since Feb., during the summer a cave had occurred in the slope which blocked the circulation of air. The air shaft was also used as a well and Mr. Heath had gone down the well with the intention of removing some of the cave from the lower side. He was overcome by black damp from the effects of which he died in the hospital at Edmonton on October 26, 1924, being unconscious during the whole period.
Oct. 27	Peerless Carbon Collieries, Ltd.	Nick Cappowski	38	Track-layer's Helper	He was working near the face of No. 8 room, and while in the act of stooping over to place a tie, a piece of rock dropped between the props, from the roof striking him on the hips and crushing him to the floor, fracturing his pelvis.

LIST OF ACCIDENTS WHICH HAVE OCCURRED IN THE DOMESTIC FIELD IN 1924—(Continued)

Date	Mine	Name	Age	Occupation	Details.
Oct. 30	Ellis Coal Company, Limited	H. A. Marshall Wm. Krandzyna	26 30	Miner Miner	Marshall was going home at the completion of his shift and meeting Krandzyna went into the room where the latter worked followed by him. Arriving at the face he (Marshall) attempted to light the fuse in a shot hole and while doing so the shot exploded, the fuse having previously been ignited by Krandzyna, who, not speaking English, was unable to get Marshall to understand. Marshall was struck by flying coal which fractured his skull also internal injuries from the effects of which he died in the Calgary hospital on November 1, 1924. Krandzyna received slight bruise on thigh and scratches on face.
Oct. 30	Jewell Collieries, Ltd.	Wm. Haydamack	25	Machine-man	He was taking an electric coal cutting machine into a room off 4th West Entry, when the tool box struck a pipe and jammed his leg against the machine. Left leg fractured
Nov. 1	J. D. Thomas Coal Co.	G. Henderson	26	Driver	He was taking a trip of empty cars to the face, a car became detached from the trip. When coming back with a loaded trip, he ran into the empty car and in jumping to clear himself caught his leg against sprag in car wheel. Right leg broken below knee.
Nov. 5	Marcus Coal Mines, Ltd.	F. Puskah	42	Miner	While cutting a timber his axe slipped causing a bad cut on his leg above the knee.
Nov. 6	Marcus Coal Mines, Ltd.	E. McIntyre	25	Driver	He was driving a horse hauling a car of timber when the car became derailed striking him on the ankle. Fractured ankle.

LIST OF ACCIDENTS WHICH HAVE OCCURRED IN THE DOMESTIC FIELD IN 1924—(Continued)

Date	Mine	Name	Age	Occupation	Details.
Nov. 12	Elgin Coal Company, Ltd.	O. Wagentall	35	Washhouse Attendant	He was attempting to oil a pump jack, in the washhouse, while same was in operation and got his fingers caught in the gears. Crushed ends of three fingers.
Nov. 14	Ruby Glow Coal Co., Ltd.	Geo. Perry	62	Miner	He was cutting timber at the entrance to the mine when he slipped on the snow and fell onto the axe, causing a cut on his back, left side.
Nov. 15	Canadian Pacific Railway, Dept. of Natural Resources	J. F. Young	18	Driver	He was driving a horse, hauling a loaded car along 18 Butt, off 3rd face S. W. entry, and while attempting to unhook the tail chain, slipped and fell in front of the car. Fractured left leg below knee, also collar bone fractured.
Nov. 15	Majestic Collieries, Ltd.	A. Lucyk	43	Miner	He was working at the face of Fury's entry, when a fall of roof occurred, striking him, causing a fractured rib.
Nov. 15	Marcus Coal Mines, Ltd.	S. Dumbroski	30	Miner	While mining coal a piece of coal struck him in the eye cutting same.
Nov. 17	Rosedale Coal Company, Limited	Ben. Jordon	26	Machine-Runner	He was moving a coal cutting machine when some rock fell from the roof striking his hand. One finger broken in two places.
Nov. 17	Excelsior Collieries, Ltd.	R. Schiller	42	Miner	He had ignited a shot and while waiting for it to explode heard a shot and thinking it was his shot went back to the face of his room, when the shot exploded, the flying coal striking him. Cuts on face and bruises on right leg.
Nov. 18	Marcus Coal Mines, Ltd.	N. Prodoniuk	39	Miner	He was putting up timber when a piece slipped striking him on the foot, bruised instep.

LIST OF ACCIDENTS WHICH HAVE OCCURRED IN THE DOMESTIC FIELD IN 1924—(Continued)

Date	Mine	Name	Age	Occupation	Details.
Nov. 18	Mid-West Collieries, Ltd.	T. McGill	29	Driver	He was driving a horse hauling loaded cars and in getting off the front car he stepped onto a loose piece of coal which caused him to slip and fall with his hand on the rail, the car wheels passing over the second and third fingers of his left hand, crushing same and necessitating amputation at the first joints.
Nov. 19	John Oliphant	P. Rinaldi	42	Cager	He was engaged as cager at the shaft bottom and was commencing to work after a stoppage for want of loaded cars, for some reason he attempted to cross the cage seat and was caught by the descending cage. He received injuries to his chest, fracture of skull and internal hemorrhage from the effects of which he died shortly after being brought to the surface.
Nov. 20	Oliver Coal Company	Alex. Hyde. Jos. Cerny	25 24	Miner Miner	They were waiting for a shot to explode, which was being fired in Hyde's room. The shot exploded and knocked over a can containing black powder, which became ignited, burning them. Hyde receiving burns on face and hands, Cerny being burnt on back of neck and left hand.
Nov. 21	Elgin Coal Company, Ltd.	Nick Koles	21	Miner	He was working at the face of No. 3 room off 2nd. W. entry when a piece of rock fell from the roof striking him on the back. Bruised back.
Nov. 21	H. D. Friend	Thomas Shale	21	Miner	He was loading coal at the face of No. 3 room 1st E. entry when a piece of rock fell from the roof striking him on the right hand. Fractured third finger.

LIST OF ACCIDENTS WHICH HAVE OCCURRED IN THE DOMESTIC FIELD IN 1924—(Continued)

Date	Mine	Name	Age	Occupation	Details.
Nov. 27	Rose-Deer Coal Mining Co., Ltd.	Roy Mills	26	Machine-man's Helper	He tried to close the latch of a switch in front of a coal cutting machine, travelling on the track, the wheel of the machine truck caught his shoe and drew his leg under the machine frame. Fracture of right leg below the knee. He was coming off the tippie and slipped on ice off the bottom step. Fractured patella.
Nov. 28	Jewell Collieries, Ltd.	A. A. Fowler	43	Weighman	He was working at the face of No. 1 room off 1st Butt entry west in No. 1 seam and was burnt by flame from an ignition of gas by open lamp. Slight burns on face.
Nov. 28	Atlas Coal Co., Ltd.	Geo. D. Young	38	Miner	He was hauling a trip of loaded cars when the first car jumped the track throwing him against rib and jamming his hand. Right hand badly cut, necessitating amputation of third finger.
Dec. 1	Midland Collieries, Ltd.	Arthur Rimmer	27	Driver	While closing the door on a mine car, he got his finger jammed between door and car frame. Fractured index finger, left hand.
Dec. 2	Jewell Collieries, Ltd.	D. McDonald	21	Driver	He was bringing out a trip of loaded cars from the inside when in rounding a curve the first car jumped the track and in jumping off the trip he got his right arm jammed between the car and timber. Fractured forearm.
Dec. 3	Lakeside Coals, Limited	F. Kopiak	24	Rope-Rider	He was working in No. 11 room off 6th E. entry, a shot was being fired in a crosscut from room 10 to 11, which blew through and he was struck on the right leg by flying coal, fracturing same below the knee. He had been warned that the shot was being fired, but failed to heed the warning.
Dec. 4	Atlas Coal Company, Limited	L. Cannachan	45	Miner	

LIST OF ACCIDENTS WHICH HAVE OCCURRED IN THE DOMESTIC FIELD IN 1924—(Continued)

Date	Mine	Name	Age	Occupation	Details.
Dec. 5	Rosedale Coal Company, Limited	H. M. Kucer	38	Machine-Runner	He had finished cutting a room and was moving the machine out from the face when a large piece of rock fell from the roof striking him on the head, crushing same, causing fracture of skull at the base from the effects of which he died three hours later in the Drumheller hospital.
Dec. 6	Hy-Grade Coal Co., of Drumheller, Ltd..	J. Lucas	29	Driver	He was driving a horse, hauling loaded cars, and got his arm squeezed between two cars fracturing his wrist.
Dec. 6	Ideal Coal Company, Ltd.	Wm. Kelly.....	42	Miner	He was working at the face of No. 3 room 3rd E. entry when a large piece of rock fell from the roof striking him on the head and back. Fractured skull, both legs and spine fractured. Death being instantaneous.
Dec. 9	North American Colls., Ltd.	J. Givens	57	Timberman	He was barring down rock on the empty car run-around and his iron bar came in contact with the electric trolley wire and a steel mine car, causing a short circuit, the flame from which severely burned his right forearm.
Dec. 12	Great West Coal Co., Ltd. (Clover Bar)	D. Campbell	18	Cager	He was caging loaded cars at the foot of the slope and was caught between two cars. Two ribs fractured.
Dec. 13	Peerless Carbon Colls., Ltd.	G. Sims	22	Miner	They were working in No. 3 room 6th W. Entry. Sims had placed a cartridge of black powder in a shot hole and in pulling it out it broke and the loose powder fell onto his lamp which he had placed on the floor and ignited the powder. Sims was burnt about the face and arms and Knight (who was at the other side of the room) was burnt on the right arm and right side of face.
		Percy Knight	23	Miner	

LIST OF ACCIDENTS WHICH HAVE OCCURRED IN THE DOMESTIC FIELD IN 1924—(Continued)

Date	Mine	Name	Age	Occupation	Details.
Dec. 13	Marcus Coal Mines, Limited	D. H. Williams	49	Miner	He was taking down top coal when a piece of coal struck him in the eye cutting same.
Dec. 17	Marcus Coal Mines, Limited	J. Hilton	20	Driver	He was driving a horse hauling a trip of loaded cars on a down grade and in attempting to uncouple the tail chain, slipped and fell in front of the cars which rolled him over. Crushed pelvis.
Dec. 24	Western Commercial Co., Ltd.	G. Derosa	22	Driver	He was driving a horse hauling a trip of loaded cars. The horse stopped suddenly and kicked the tail chain, causing Derosa to fall in front of the cars. The horse started forward and pulled the first car over Derosa. Bruised about the body, head, back and chest, also collar-bone dislocated.
Dec. 24	Rosedale Coal Company, Limited	A. McPherson	38	Miner	He was along with his partner, loading coal in No. 29 pillar, No. 3 entry, No. 2 mine, when a piece of top coal fell striking him on the head and knocking him down, his back striking a niggerhead which was lying on the floor. Spine fractured and bruises on body.
Dec. 27	Commonwealth Coal Company, Ltd.	F. Metallsky	32	Machine-Runner	He was driving a horse (substituting for the regular driver), and was attempting to sprag a car, which was in motion, the car left the rails striking him on the leg. Left leg broken above the ankle.

LIST OF ACCIDENTS WHICH HAVE OCCURRED IN THE SUB-BITUMINOUS FIELD IN 1924

Date	Mine	Name	Age	Occupation	Details.
Feb. 19	Superior Collieries, Ltd.	P. Pinkerton	45	Miner	He was working at the face of No. 5 room when a fall of coal took place, striking him on the head and side. Head cut and ribs fractured.
Feb. 26	Superior Collieries, Ltd.	P. Tesolin	41	Miner	He was working at the face taking up bench coal preparatory to putting in a set of timbers when a fall of coal took place, striking him on the head and body. Cut about face, bruised body and general shock.
Mar. 3	Sterling Colls., Ltd.	W. J. Martin	36	Dinky Driver	He was driving a dinky locomotive, hauling cars past the power-house, the exhaust steam from a steam hammer was being blown across the track by the wind, when he collided with another dinky, and his foot was caught by the coupling. Dislocation of large toe and injury to three other toes, right foot.
Mar. 5	Sterling Colls., Ltd.	W. Argue J. Watt	45 27	Laborer Laborer	They were engaged in the stripping pit and at the time were standing along side the steam shovel when a large piece of coal became detached from the top of the face and rolling down crushed them up against the shovel house. The face was 40 feet high. Argue was severely crushed about chest and head causing instant death. Watt was crushed about the abdominal area from the effects of which he died four hours later while being taken to the Edmonton Hospital.

LIST OF ACCIDENTS WHICH HAVE OCCURRED IN THE SUB-BITUMINOUS FIELD IN 1924—(Continued)

Date	Mine	Name	Age	Occupation	Details.
Mar. 29	Coal Valley Mining Co., Ltd.	T. Perrier	51	Box-Car Loader	Had removed a block from in front of the wheels of a loaded box car which was coupled to the rope attached to a steam hoist. After the cars started to move, he attempted to cross the track in front of the car, and was crushed between it and another car. He was injured internally; death resulting from internal hemorrhage shortly after the accident.
May 9	Superior Collieries, Ltd.	A. Nedimovich	44	Miner	They were working at the face of No. 2 room west, when a fall of coal from the roof took place, knocking Nedimovich off a plank on which he was standing, the plank struck Baroni on the back, Nedimovich received cuts about the head, left shoulder and right knee bruised. Baroni bruised left side and ribs.
		M. Baroni	48	Miner	He was working on a scaffold in No. 14 room east. The scaffold broke, and he fell to the floor, the plank dropping onto his leg. Broken femur, right leg.
Sept. 25	Superior Collieries, Ltd.	Joseph Passarini	36	Miner	He was loading coal and stepped on a loose piece, causing him to slip, spraining his ankle.
Oct. 15	Superior Collieries, Ltd.	Romano Tedesco	37	Miner	He was timbering when a sliver entered his index finger, right hand.
Nov. 3	Superior Collieries, Ltd.	Chas. Rochio	40	Miner	He was landing a trip at the top of the slope, and in jumping off twisted his back.
Nov. 5	Superior Collieries, Ltd.	M. Delive	38	Rope-Rider	The manager had gone into the face of the back slope driven as a raise with a safety lamp there being gas present, the examiner got to the foot of the raise with an open lamp. The gas ignited and both men were severely burnt about the face and hands. Duggan also having two ribs fractured.
Nov. 9	Foothills Collieries, Ltd.	Wm. H. Duggan	44	Manager	
		Geo H. Fudge	45	Examiner	

LIST OF ACCIDENTS WHICH HAVE OCCURRED IN THE SUB-BITUMINOUS FIELD IN 1924—(Continued)

Date	Mine	Name	Age	Occupation	Details.
Nov. 12	Superior Collieries, Ltd.	Antonio Alosio	46	Miner	When pushing a buggy to slack dump, the cable for moving railroad cars tightened, striking him on the left side, fracturing two ribs.
Nov. 29	Coal Valley Mining Co., Ltd.	John W. Bush	50	Loader	He was trying to close the door of a dump car in the stripping pit, and got his hand caught while lifting the door. Finger of left hand cut off.
Dec. 1	Coal Valley Mining Co., Ltd.	A. McGowan	42	Driller	He was using an electrically-operated drill which stuck and in attempting to start the drill by hand with the power on, he got his thumb caught and pulled off.
Dec. 9	Bryan Coal Co., Ltd.	J. E. Marino	50	Tipple-Man	He was working on the tipple dumping loaded cars when the lever slipped striking him on the foot, crushing his foot between the lever and floor of tipple. Great toe crushed.

LIST OF ACCIDENTS WHICH HAVE OCCURRED IN THE BITUMINOUS FIELD IN 1924

Date	Mine	Name	Age	Occupation	Details.
Jan. 9	Hillcrest Collieries, Ltd.	C. Carlson	43	R.R. Conductor	While on top of box car braking loaded cars over the bridge across the river, the wind blew the roof off the car, carrying him with it. Fracture of left hip, severe shock and bruises.
Jan. 31	West Canadian Colls., Ltd., Greenhill Mine	F. R. Link	20	Chute Loader	He was loading coal from 113 chute and slipped off the ladder, falling against the car, which dragged him under the chute. Both legs broken.
Feb. 7	Hillcrest Collieries, Ltd.	S. Thomas	51	Miner	He along with his partner was engaged taking a skip off No. 8 room, No. 1 north level, when a large cave took place, burying him. Fracture of base of skull and ribs on right side causing instant death.
Feb. 8	International Coal & Coke, Co., Ltd.	T. Merriman	51	Miner	He was working at the face of cross cut in No. 5 room "C" level north mine, when a fall of roof coal occurred striking him on the head and right side. Ribs fractured right side and head cut.
Feb. 9	Canmore Coal Co., Ltd.	J. Harmon	35	Miner	He was lifting a derailed car on the track and got his hand caught between the car bumper and rail. Three fingers of left hand crushed.
Feb. 12	Canmore Coal Co. Ltd.	J. Jerwa	18	Switchman	He had attached the cable to the top of mine cars to haul them ahead. The hook slipped and caught his finger, severely crushing same.
Feb. 25	West Canadian Colls., Ltd., Bellevue	N. Frederico	27	Brakeman and Chute Loader	He was moving cars at 59 chute, 7 level, and got his right leg caught between two loaded cars. Fracture of Fibula, knee joint dislocated, muscles and ligaments torn and lacerated. Leg was amputated in March. He died from gangrene on June 3, 1924.

LIST OF ACCIDENTS WHICH HAVE OCCURRED IN THE BITUMINOUS FIELD IN 1924—(Continued)

Date	Mine	Name	Age	Occupation	Details.
Feb. 29	McGillivray Creek Coal & Coke Co., Ltd.	J. Beiliec	53	Miner	He was fixing chute iron in 123 pillar, No. 2 entry, when a fall of coal took place, striking him and fracturing his pelvis on the right side, from the effects of which he died on March 1st, 1924.
Mar. 3	Canmore Coal Co., Ltd.	M. Petrashuk	44	Miner	He was loading coal in No. 6 pillar, 12 slope, Stewart seam, when a large piece of rock fell from the roof at the face, striking him on the back, fracturing his ribs on both right and left sides, and causing internal injuries from the effects of which he died while being taken to the surface.
Mar. 7	McGillivray Creek Coal & Coke Co., Ltd.	C. Harding	38	Hoistman	He had left his hoist unattended with an empty car hanging on to the rope, and had jumped onto the car with the intention of riding to the bottom of the slope the hoist, running on compression. The car obtained a high rate of speed and bumped into another car at the bottom of the slope, throwing him off and causing a fracture of his right patella.
Mar. 24	McGillivray Creek Coal & Coke Co., Ltd.	H. Raivis	33	Miner	He was using a hammer to knock out sprag supporting cap rock when the rock fell on him causing compound fracture left leg below the knee, compound fracture left wrist, cuts on head and sprained right foot.
Mar. 24	Hillcrest Colls., Ltd.	T. J. Sparrow	43	Miner	He was working at the face when a piece of top coal fell, knocking him against a prop, causing a compound fracture of the right leg above the knee, also cuts on his head and bruised right arm.

LIST OF ACCIDENTS WHICH HAVE OCCURRED IN THE BITUMINOUS FIELD IN 1924—(Continued)

Date	Mine	Name	Age	Occupation	Detail
Mar. 28	Brazeau Colls., Ltd.	D. Pietro	24	Miner	He was working in 16 room, 8 level, No. 3 mine, when a slide of coal took place striking him on the left thigh, fracturing same. The slide of coal was caused through a shot being fired in a cross cut being driven towards the room. He was digging coal when a piece of coal fell onto his foot, breaking the large bone in the instep.
Nov. 8	Hillcrest Collieries, Ltd.	D. O. Pawluk	37	Miner	
Nov. 15	Blue Diamond Coal Co., Ltd.	Wm. Brownlee	45	Brakeman	He was clearing some timber off the railway track, when a timber rolled off the pile onto his hand. Fractured thumb, right hand.

FATAL ACCIDENTS

The fatal accident which occurred to William and Michael Glogowski on February 6, in the mine operated by the Alberta Block Coal Co. Ltd., at Drumheller, was caused by a fall of rock. They were operating an electric coal cutting machine at the face of "H" entry when a heavy fall of rock occurred striking and burying both men. William Glogowski had fractured ribs, left side, Michael received cuts about the head. When found both men were dead, death having been caused by asphyxia through their heads being doubled under their bodies. The large pieces of rock from the cave preventing their assisting themselves in any way.

The fatal accident which occurred to Stephen Thomas on February 7, in the mine operated by the Hillcrest Collieries Ltd., near Hillcrest was caused through a fall of rock. He along with his partner was engaged in taking a skip off the side of No. 8 room No. 1 North Level when a large piece of rock fell from the roof, burying him, causing a fracture at the base of the skull, also the ribs on the right side. Death being instantaneous.

The fatal accident which occurred to W. A. Davidson on February 12, at the mine operated by the Rosedale Coal Co. Ltd., near Rosedale, was caused through his being struck by rock cars. He was inspecting the loading and cleaning facilities on the tippie and had crossed the bridge over the Marcus Screen on to the rock track, stepping in front of two loaded rock cars which were being taken from the chute to the dump. The cars striking him and knocking him down, causing fracture of the right leg above the ankle, ribs on the left side, and fracture of the pelvis. He died from pneumonia and shock as a result of the accident in the Drumheller hospital on February 15, 1924.

The fatal accident which occurred to N. Frederico on February 25, in the mine operated by the West Canadian Collieries Ltd., Bellevue, was caused through his being crushed between two loaded cars. He was engaged loading cars at No. 59 chute 7 level, and got his right leg caught between two loaded cars, causing a fracture of the fibula, also dislocation of the knee joint and laceration of the ligaments. His leg was amputated in March and he died from gangrene poisoning on June 3, 1924.

The fatal accident which occurred to John Biellec on February 29, in the mine operated by the McGillivray Creek Coal & Coke Co. Ltd., near Coleman, was caused through a fall of coal. He was fixing chute iron in No. 123 pillar off No. 2 entry when a fall of coal took place striking him and fracturing his pelvis on the right side, from the effects of which he died in the Coleman hospital on March 1, 1924.

The fatal accident which occurred to Metro Petraschuk on March 3, in the mine operated by the Canmore Coal Co. Ltd., near Canmore, was caused through a fall of rock in pillar workings. He was loading coal in No. 6 pillar off 12 slope in the Stewart seam when a large piece of rock fell from the roof, breaking his ribs on both sides and causing internal injuries from the effects of which he died while being conveyed to the surface.

The fatal accident which occurred to William Argue and James Watt on March 5, in the mine operated by the Sterling Collieries Ltd.,

near Sterco, was caused by a fall of coal at the face of the stripping pit. They were engaged in the stripping pit cleaning up along side of the steam shovel and at the time of the accident were standing alongside the shovel when a large piece of coal became detached from the top of the face and rolling down crushed them up against the shovel house. The face of the stripping pit was 40 feet high. Argue was severely crushed about the chest and head which caused instant death. Watt was crushed about the abdomen, causing internal injuries from the effects of which he died four hours later while being conveyed to the hospital in Edmonton.

The fatal accident which occurred to William Cain on March 24, in the mine operated by the Department of Natural Resources, C.P.R., near Lethbridge, was caused through his being crushed between loaded cars and the side of the entry. He was riding on a trip of loaded cars, which were being hauled by endless rope haulage from the Main East District, and while going down a grade the clip slipped off the rope allowing the cars to run away and become ditched at the derail switch. He was crushed between the timbers and the cars, receiving a badly crushed ankle and severe injuries to his chest from the effects of which he died at the Galt hospital on the morning of March 25, 1924.

The fatal accident which occurred to Theophile Perrier on March 29, at the mine operated by the Coal Valley Mining Co., near Coal Valley, was caused through his being crushed between railroad cars on the siding. He had removed the block from in front of the wheels of a loaded railroad box car which was coupled to the haulage rope attached to a steam hoist. When the car was in motion he attempted to cross the track in front of the car and was crushed between it and another railroad car standing on the siding, receiving injuries which caused internal hemorrhage, from the effects of which he died shortly after the accident.

The fatal accident which occurred to James Nicol, overman; H. Duholki, outside foreman, and Griffith Richards, pumpman, on August 2, in the mine operated by the Midland Collieries Ltd., near Midlandvale, was caused by an explosion of gas. The mine being idle, Nicol and Duholki were engaged in brushing on the Main North entry, Richards attending the pumps throughout the mine. There were no eye-witnesses to the accident, but from indications it would appear that Nicol and Richards were in No. 1 slant to South entry and Duholki was in No. 32 room south about 250 feet from them. A shot was fired in the brushing which ignited some gas which caused the explosion. After the ignition Nicol and Richards travelled to the cross cut off the main opposite No. 32, room S, where they were caught by the explosion and killed instantly; Duholki came from the room to the main entry and fell, being overcome by afterdamp which caused his death.

The fatal accident which occurred to Art Suran on August 23, in the mine operated by John Suran, near Lethbridge, was caused through an ignition of gas by open lights. They were working at the face of the main entry, when the driving belt on the fan broke, allowing gas to accumulate, this being ignited by open lamps. He was burned severely about the hands and face, from the effects of which he died on August 27, in the Galt hospital, Lethbridge.

The fatal accident which occurred to James S. Sheppard on September 27, in the mine operated by the Ajax Coal Co., near Medicine Hat, was caused by a shot blowing through. He was working in No. 2 north entry, a shot was being fired in the cross-cut from No. 1 to No. 2 entries; he had been warned before the fuse was ignited and came out to the switch outside the point where the cross-cut was breaking through. Before the shot exploded, however, he started back to the face of No. 2 entry, and as he was passing the place where the cross-cut was breaking through the shot exploded blowing through to the entry, a large lump of coal striking Sheppard, breaking his right arm below the shoulder and causing internal injuries resulting in instant death.

The fatal accident which occurred to William Heath on October 24, in the mine operated by himself near Fallis, was caused through his being asphyxiated by blackdamp. The mine ceased operating on February 4, 1924, and during the summer a cave had occurred on the slope which blocked the circulation of air, also causing water to accumulate on the slope. The airshaft was also used as a well for the water supply of Mr. Heath's farm. Mr. Heath had gone down the well with the intention of removing some of the cave from the lower side. When part way down he was overcome by blackdamp, from the effects of which he died in the hospital at Edmonton on October 26, 1924, being unconscious during the whole period.

The fatal accident which occurred to Harry A. Marshall on October 30, in the mine operated by the Ellis Coal Co. Ltd., at Three Hills, was caused through his being struck by flying coal from a shot. Marshall was going home at the completion of his shift and when near Krandzyna's place saw the latter standing on the entry. It would appear that Marshall had been in the habit of firing shots for Krandzyna and when he saw him standing on the entry thought he was waiting for that purpose. Krandzyna could not speak English so was unable to explain to Marshall that a shot was ignited in the place. Marshall proceeded to the face of the place, Krandzyna following about 20 feet behind. When Marshall got to the face he endeavoured to ignite the fuse and while he was doing so the shot exploded and he was struck by flying coal which fractured his skull, also causing internal injuries from the effects of which he died in the hospital at Calgary on November 1, 1924. Krandzyna received a slight bruise on the thigh and scratches on the face.

The fatal accident which occurred to Peter Rinaldi on November 19, 1924, in the mine operated by John Oliphant, near Taber, was caused through his being crushed under a descending cage. He was engaged as a cager at the shaft bottom and was commencing to work after a stoppage for want of loaded cars. For some unknown reason he attempted to cross the cage seat and was caught by the descending cage. He received injuries to his chest, fracture of skull and internal injuries, from the effects of which he died shortly after being brought to the surface.

The fatal accident which occurred to Harry M. Kucer on December 5, 1924, at the mine operated by the Rosedale Coal Co. Ltd., at Rosedale, was caused through a fall of rock. He had completed cutting a room and was moving the machine out from the face when a large piece of rock fell from the roof, striking him on the head, crushing same against the machine frame, causing fracture of the skull

at the base, from the effects of which he died at the hospital in Drumheller three hours later.

The fatal accident which occurred to Wm. Kelly on December 6, 1924, in the mine operated by the Ideal Coal Co. Ltd., near Wayne, was caused through a fall of rock. He was working at the face of No. 3 room off 3rd east entry digging coal when a large piece of rock fell from the roof, striking him on the head and back, crushing him to the floor. He received fractured skull, both legs and spine fractured, death being instantaneous.

TABLE SHOWING ACCIDENTS AS THEY OCCURRED BY MONTHS DURING THE YEAR 1924

Months	Above Ground				Below Ground				Total Above and Below Ground
	Fatal	Seri-ous	Slight	Total	Fatal	Seri-ous	Slight	Total	
January .....	..	1	..	1	..	2	1	3	4
February	1	..	1	2	5	2	2	9	11
March	3	..	1	4	2	6	..	8	12
April .....	..	..	..	..	..	1	2	3	3
May .....	..	..	..	..	..	..	2	2	2
June .....	..	..	..	..	..	1	..	1	1
July .....	..	..	..	..	..	..	..	..	..
August .....	..	..	..	..	4	3	1	8	8
September .....	..	..	..	..	1	2	..	3	3
October .....	..	..	1	1	2	5	5	12	13
November .....	..	4	1	5	1	9	13	23	28
December .....	..	1	1	2	2	5	9	16	18
Total	4	6	5	15	17	36	35	88	103

Tabulated list of accidents occurring in the Province above and below ground during the year 1924.

Cause	Fatal		Serious		Slight		Total	
	Above	Below	Above	Below	Above	Below	Above	Below
Haulage .....	..	2	1	12	..	9	1	23
Falls of rock .....	..	6	..	8	..	3	..	17
Falls of coal and rock ..	..	..	..	..	..	1	..	1
Falls of coal	2	1	..	5	..	6	2	12
Shot firing .....	..	5	..	2	..	5	..	12
Ignition of powder by open light .....	..	..	..	..	..	2	..	2
Ignition of gas by open light .....	..	1	..	3	..	1	..	5
Timbering .....	..	..	..	1	..	2	..	3
Struck by flying coal from pick .....	..	..	..	..	..	1	..	1
Shaft accident .....	..	1	..	..	..	..	..	1
Electric trolley wire ..	..	..	..	..	..	1	..	1
Electric coal cutting machine .....	..	..	..	2	..	..	..	2
Chute loading .....	..	..	..	1	..	..	..	1
R.R. cars	1	..	1	..	..	..	2	..
Asphyxiation by black damp .....	..	1	..	..	..	..	..	1
Miscellaneous	1	..	4	2	5	4	10	6
Total	4	17	6	36	5	35	15	88

Tabulated list of Accidents occurring in the Province above and below ground for the year 1924, classified according to the District in which they occurred:

Name of District	Fatal		Serious		Slight		Total		Total Above and Below Ground
	Above	Below	Above	Below	Above	Below	Above	Below	
Crow's Nest P.	..	3	1	5	..	1	1	9	10
Pincher Creek.
Lethbridge	2	..	6	..	..	..	8	8
Magrath
Milk River
Taber	1	..	1	..	3	..	5	5
Bow Island
Medicine Hat	1	..	..	..	..	..	1	1
Aldersyde
High River
Calgary
Canmore	1	..	..	..	2	..	3	3
Banff
Gleichen
Drumheller	5	..	5	1	4	1	14	15
Rosedale	1	1	..	2	..	..	1	3	4
Wayne	1	1	2	..	3	1	6	7
Big Valley
Saunders
Brazeau	1	..	..	..	1	1
Brooks
Hanna	2	..	..	..	2	2
Lacombe
Trochu	1	..	..	1	1	1	2
Three Hills	1	..	..	..	1	..	2	2
Carbon	3	..	4	..	7	7
Battle River
Camrose
Tofield
Clover Bar	2	1	9	1	11	12
Edmonton	1	..	..	..	1	1
Strathcona	1	..	..	..	1	1
Namoo
Cardiff
Wabamun	1	..	1	..	..	..	2	2
Pembina	1	..	1	1
Jasper Park	1	..	1	..	1
Yellowhead . . .	3	..	3	4	2	6	8	10	18
Mountain Park
Peace River
Total	4	17	6	36	5	35	15	88	103

The following tables give the classification of Accidents according to the Coal Fields in which they occurred:

DOMESTIC

Cause	Above Ground			Below Ground			Total
	Fatal	Serious	Slight	Fatal	Serious	Slight	
Rope haulage, crushed between cars while coupling	1	1	1
Rope haulage, arm caught between cars and timber	1	..	1
Endless rope haulage, crushed between top of cars and roof of entry	1	1	..	2
Endless rope haulage, fell in front of car	3	..	3
Horse haulage, fell in front of loaded car	2	2	4
Horse haulage, crushed between cars and side of entry	1	..	1
Horse haulage, caught by derailed car	1	1
Horse haulage, leg caught by sprags in car wheel	1	1
Horse haulage, arm caught between loaded cars	1	1
Manual haulage, crushed between loaded cars	1	1
Electric trolley haulage, burned by trolley wire	2	..	2
Fall of rock at face of entry	1	2	..	3
Fall of rock at face of room	1	..	1
Fall of rock in pillar workings	1	..	1
Fall of rock while operating electric coal cutting machine	2	1	..	3
Fall of rock while removing electric coal cutting machine after finishing cut	1	1	..	2
Fall of coal at face of room	1	1	2
Fall of coal in pillar workings	1	..	1
Shot-firing, ignition of gas by shot in brushing	3	..	..	3
Shot-firing, went into place after shot ignited	1	1	..	2
Shot-firing, struck by flying coal breaking through pillar	1	1	..	2
Shot-firing, went back too soon, struck by flying coal	1	1
Shot-firing, burnt by black powder ignited by shot which knocked over powder can
Shot-firing, struck by flying coal from shot	2	2
Ignition of black powder through open light falling into powder	1	1
Ignition of gas by open lights	1	..	..	1
Struck by flying coal from pick	1	1

The following table gives the classification of Accidents according to the Coal Field in which they occurred:
DOMESTIC—(Continued)

Cause	Above Ground			Below Ground			Total
	Fatal	Serious	Slight	Fatal	Serious	Slight	
Timbering, struck by falling timber when erecting same	1	1	2
Timbering, axe slipped cutting leg	1	1
Electric coal-cutting machine, leg caught between machine and post	2	..	2
Asphyxiation by black damp in shaft	1	..	..	1
Shaft accident, crushed by cage at shaft bottom	1	..	..	1
Miscellaneous, crushed by rock cars on tippie	1	..	..	..	..	..	1
Miscellaneous, slipped off steps from tippie	..	1	..	..	..	..	1
Miscellaneous, finger crushed by mine car door	1	1
Miscellaneous, kicked by horse when harnessing	1	..	..	..	1
Miscellaneous, finger caught in pump gears	1	..	..	..	1
Miscellaneous, slipped and fell on axe when cutting timber	..	1	..	..	..	..	1
Total	1	2	2	13	26	26	70

The following table gives the classification of Accidents according to the Coal Field in which they occurred:

SUB-BITUMINOUS

Cause	Above Ground			Below Ground			Total
	Fatal	Serious	Slight	Fatal	Serious	Slight	
Rope haulage, struck by hoist rope	1	..	..	..	..	1
Rope haulage, slipped when landing trip	1	1
Fall of coal and rock at face of room	1	1
Fall of coal at face of room	1	2	3
Fall of coal at face of stripping pit	2	..	..	..	..	..	2
Ignition of gas from open light	2	..	2
R. R. cars, struck by moving cars	1	..	..	..	..	..	1
Miscellaneous, working on scaffold which broke falling onto him	1	..	1
Miscellaneous, sliver of timber punctured his finger	1	1
Miscellaneous, thumb torn out by electric drill	1	..	..	..	..	1
Miscellaneous, foot crushed by lever of dump on tippie	1	..	..	1	1
Miscellaneous, slipped on piece of coal, sprained ankle	1
Miscellaneous, finger cut off by door of dump car	1	..	..	..	..	1
Miscellaneous, foot crushed between locos. in stripping pit	1	..	..	..	1
Total	3	3	2	..	4	6	18

The following table gives the classification of Accidents according to the Coal Field in which they occurred:

BITUMINOUS

Cause	Above Ground			Below Ground			Total
	Fatal	Serious	Slight	Fatal	Serious	Slight	
Haulage, compressed air locomotive, leg caught between loaded cars	1	..	..	1
Haulage, rope, finger caught while attaching cable	1	1	1
Fall of rock at face of entry	1
Fall of rock in pillar workings	2	..	..	2
Fall of coal at face of room	1	1	2
Fall of coal in cross-cut	1	..	1
Fall of coal in pillar workings	1	..	..	1
Shot-firing, struck by coal off pillar at cross-cut	1	..	1
Chute loading, crushed between chute and moving cars	1	..	1
R. R. cars, blown off top of cars by wind	..	1	..	..	..	..	1
Miscellaneous, lifting derailed car, hand crushed	1	1
Miscellaneous, thrown off a car on slope	1	..	1
Miscellaneous, stacking timber which rolled back	1	..	..	..	1
Total	..	1	1	4	6	3	15

Table showing Accidents during 1924, classified according to the Mines in the DOMESTIC Field in which they occurred:

Name of Operator	District	Above Ground				Below Ground				Total Above and Below
		Fatal	Serious	Slight	Total	Fatal	Serious	Slight	Total	
Can. Pac. Ry., Dept. Nat. Res.	Lethbridge	..	..	..	..	1	3	..	4	4
C. S. Donaldson Co.	Lethbridge	..	..	..	..	..	1	..	1	1
North American Colls., Ltd., Coalhurst	Lethbridge	..	..	..	..	..	1	..	1	1
I. Suran	Lethbridge	..	..	..	..	1	1	..	2	2
Majestic Collieries, Ltd.	Taber	..	..	..	..	..	1	..	1	1
J. Oliphant (Regal)	Taber	..	..	..	..	1	..	..	1	1
Oliver Coal Co.	Taber	..	..	..	..	..	..	3	3	3
Ajax Coal Co.	Medicine Hat	..	..	..	..	1	..	..	1	1
Midland Collieries, Ltd.	Drumheller	..	..	..	..	3	1	..	4	4
J. D. Thomas Coal Co.	Drumheller	..	..	..	..	..	2	..	2	2
Alta. Block Coal Co., Ltd.	Drumheller	..	..	..	..	2	..	..	2	2
Atlas Coal Co., Ltd.	Drumheller	..	..	..	..	..	1	1	2	2
Hy-Grade Coal Co. of Drum., Ltd.	Drumheller	..	..	..	..	..	..	1	1	1
Newcastle Jun. Mining Co., Ltd.	Drumheller	..	..	1	1	..	..	..	1	1
Elgin Coal Co., Ltd.	Drumheller	..	..	..	..	..	..	1	1	1
Mid-West Collieries, Ltd.	Drumheller	..	..	..	1	..	..	..	1	1
Rosedale Coal Co., Ltd.	Drumheller	1	..	..	1	1	2	..	3	4
Rosedale Coal Mining Co., Ltd.	Wayne	..	..	..	..	..	1	..	1	1
Western Commercial Co., Ltd.	Wayne	..	1	..	1	..	..	1	1	1
Jewell Collieries, Ltd.	Wayne	..	..	..	..	..	1	1	2	3
Excelsior Collieries, Ltd.	Wayne	..	..	..	..	..	..	1	1	1
Ideal Coal Co., Ltd.	Wayne	..	..	..	..	..	..	1	1	1
Commonwealth Coal Co., Ltd.	Hanna	..	..	..	..	1	2	..	3	3
Ruby Glow Coal Co., Ltd.	Trochu	..	1	..	1	..	..	..	1	1
Ellis Coal Co., Ltd.	Three Hills	..	..	..	..	1	..	1	2	2
Peerless Carbon Collieries, Ltd.	Carbon	..	..	..	..	..	3	3	6	6
H. D. Friend	Carbon	..	..	..	..	..	..	1	1	1
Great West Coal Co., Ltd.	Clover Bar	..	..	..	..	..	..	2	2	2
Marcus Coal Mines, Ltd.	Clover Bar	..	..	1	1	..	2	7	9	10

Reed & Brown, Ltd. ....	..	..	..	..	..	1	26	26	65	1	1
Frank Chiarello .....	..	..	..	..	..	..	..	1	..	1	1
Lakeside Coals, Ltd. ....	..	..	..	..	..	..	..	1	..	1	1
Wm. Heath .....	..	..	..	..	..	..	..	1	..	1	1
North American Colls., Ltd., Evansburgh ..	..	..	..	..	..	..	..	..	1	1	1
Total	1	2	2	5	13	26	26	65	70		

Table showing Accidents during 1924, classified according to the Mines in the SUB-BITUMINOUS Field in which they occurred:

Name of Operator	District	Above Ground				Below Ground				Total Above and Below
		Fatal	Serious	Slight	Total	Fatal	Serious	Slight	Total	
Sterling Collieries, Limited.....	Yellowhead	2	..	1	3	..	2	..	2	3
Foothills Collieries, Limited	Yellowhead .....	..	1	..	1	..	2	..	2	2
Superior Collieries, Limited	Yellowhead .....	..	2	..	3	..	2	6	8	9
Coal Valley Mining Co., Ltd.	Yellowhead	1	..	..	1	..	..	..	..	3
Bryan Coal Co., Ltd.	Yellowhead .....	..	..	1	1	..	..	..	..	1
Total		3	3	2	8	..	4	6	10	18

Table showing Accidents during 1924, classified according to the Mines in the BITUMINOUS Field in which they occurred:

Name of Operator	District	Above Ground				Below Ground				Total Above and Below
		Fatal	Serious	Slight	Total	Fatal	Serious	Slight	Total	
Hillcrest Collieries, Ltd.	Crow's Nest Pass..	..	1	..	1	1	1	1	3	4
West Canadian Colls., Ltd. (Bellevue) ..	Crow's Nest Pass..	..	..	..	..	1	..	..	1	1
International Coal & Coke Co., Ltd.	Crow's Nest Pass..	..	..	..	..	..	1	..	1	1
McGillivray Creek Coal & Coke Co., Ltd.	Crow's Nest Pass..	..	..	..	..	1	2	..	3	3
West Canadian Colls., Ltd. (Greenhill) ..	Crow's Nest Pass..	..	..	..	..	..	1	..	1	1
Canmore Coal Co., Ltd.	Canmore .....	..	..	..	..	1	..	2	3	3
Brazeau Collieries, Ltd.	Brazeau .....	..	..	..	..	..	1	..	1	1
Blue Diamond Coal Co., Ltd.	Jasper Park .....	..	..	1	1	..	..	..	..	1
Total .....		..	1	1	2	4	6	3	13	15

LIST OF PROSECUTIONS UNDER THE MINES ACT DURING 1924

Mine in which contravention was committed	Description of Defendant	Offence Charged	Result of Proceedings	Penalty	Costs
David Halbert	Mine Operator	Did operate a coal mine without having a certificated person in charge.	Convicted	Fined \$5	\$2.25
David Halbert	Mine Operator	Failed to produce an up-to-date plan of the workings of the mine operated by him	Convicted	Fined \$5	2.25
George Hamilton	Overman	Contraventions of Mines Act, Secs. 5, 9, 61, 63 and 83	Convicted	14 days	4.85
Estill Coal Mining Co.	Miner	That he did have in his possession tobacco for smoking	Convicted	Fined \$25	6.00
Challenger Coal Co.	Miner	Did misconduct himself in the mine on Jan. 9, 1924.	Convicted	Fined \$1	4.95
Challenger Coal Co.	Miner	Did fail to obey the lawful orders of the person in charge of the mine.	Convicted	Fined \$5	4.95
A. Ostby	Farmer	Did operate a coal mine contrary to sections of Mines Act.	Convicted	Fined \$5	4.50
William Hartley	Mine Operator	Did fail to have his mine surveyed and did fail to send a plan to the Minister as required by The Mines Act, Sec. 49 and 56.	Convicted	Fined \$2	1.00
Andrew Molloy	Mine Operator	Did permit persons to be in the mine for the purpose of employment and did fail to carry out the conditions respecting outlets to the surface as required by The Mines Act.	Convicted	Fined \$20	8.95
Ardley Hardite Coll., Ltd.	Mine Operator	Did fail to pay wages due employees on Sat., Feb. 16, 1924, as required by The Mines Act, Sec. 34.	Convicted	Fined \$100	12.15
Floyd Martin	Farmer	Did unlawfully operate a coal mine in contravention of The Mines Act.	Convicted	Fined \$5	7.40
Craig's Coal Co., Ltd.	Operator	Did fail to send to the Minister monthly reports of operations for February, 1924, before Mar. 15, 1924.	Convicted	Fined \$1	3.75

THE MINES BRANCH

LIST OF PROSECUTIONS UNDER THE MINES ACT DURING 1924—(Continued)

Mine in which contravention was committed	Description of Defendant	Offence Charged	Result of Proceedings	Penalty	Costs
Sunshine Coal Co., Ltd.	Operator	Did fail to send to the Minister monthly reports of operations for February, 1924, before Mar. 15, 1924	Convicted	Fined \$1	\$ 4.75
J. Debrinski	Operator	Did fail to send to the Minister monthly reports of operations for February, 1924	Convicted	Fined \$1	3.75
Bohme Bros. & Gilles	Operator	Failed to forward returns for month of February 1924	Convicted	Fined \$3	10.60
E. Hankins	Operator	Failed to forward returns for month of February, 1924	Convicted	Fined \$3	8.60
A. E. Holt	Operator	Failed to forward returns for month of February, 1924	Convicted	Fined \$5	7.75
Challenger Coal Co.	Operator	Did fail to forward returns for month of February, 1924	Convicted	Fined \$10	11.65
James Blades	Operator	Did fail to forward returns for month of February, 1924	Convicted	Fined \$3	3.70
Peerless Carbon Coll., Ltd.	Miner	Did fail to satisfy himself that his working place was in a safe condition and failing to set sufficient timber	Convicted	Fined \$2	4.50
Peerless Carbon Coll., Ltd.	Overman	Did fail to protect the end of an electrical conductor, in order to avoid accidental contact by persons	Convicted	Fined \$15	2.75
Peerless Carbon Coll., Ltd.	Overman	Did fail to report a serious accident caused by electricity within 24 hours to the Minister and District Inspector	Convicted	Fined \$2	2.75
L. Smith	Operator	Did operate a mine without having an overman in charge	Convicted	Fined \$1	2.75
Majestic Coll., Ltd.	Operator	Failed to keep in office plan showing workings of the mine up to date not more than three months previous.	Convicted	Fined \$5	5.60

LIST OF PROSECUTIONS UNDER THE MINES ACT DURING 1924—(Continued)

Mine in which contravention was committed	Description of Defendant	Offence Charged	Result of Proceedings	Penalty	Costs
Big Valley Coll., Ltd.	Overman	Did fail to provide adequate ventilation in the mine.	Convicted	Fined \$20.	\$7.00
C. S. Donaldson Coal Co.	Driver	Being in charge of a horse did leave same without securing it safely from possible danger.	Convicted	Fined \$1.	5.45
J. F. Hamilton	Overman	Did unlawfully fail to post copy of inspection report after making inspection.	Convicted	Fined \$1.	3.25
Geo. Hamilton	Overman	Did act as overman at mine without holding any certificate as such under The Mines Act.	Convicted	Fined \$5.	3.70
Partridge Coal Co.	General Manager	Did fail to forward returns for August, 1924, to Minister.	Convicted	Fined \$5.	4.30
Pass Bituminous Collieries.	Operator	Failed to have a certificated person in charge of underground workings.	Convicted	Fined \$10.	6.75
Central Coal Co., Ltd.	Operator	Did fail to pay wages every two weeks.	Convicted	Fined \$10.	2.40
Ardley Hardite Coll., Ltd.	Operator	Did fail to pay wages as required by The Mines Act.	Convicted	Fined \$100.	8.65
Oliver Coal Co.	Miner	Did fire a shot without removing his powder can to a safe place.	Convicted	Fined \$5.	4.45
Oliver Coal Co.	Operator	Did fail to make returns under Sec. 45c. of The Mines Act.	Convicted	Fined \$10.	4.45
Partridge Coal Company	General Manager	Did fail to pay wages on Oct. 18, 1924.	Convicted	Fined \$20.	5.30
C. S. Donaldson Coal Company	Operator	Did fail to forward monthly returns for October.	Convicted	Fined \$2.	3.75
Atlas Coal Co., Ltd.	Examiner	Attempting to fire a shot in the presence of gas.	Convicted	Fined \$25.	2.75
Consolidated Diamond Coll., Ltd.	Operator	Did operate with more than 20 men underground without having a wash-house.	Convicted	Fined \$1.	3.25
Peerless Carbon Coll., Ltd.	Miner	Failed to inspect his working place after firing a shot, to ensure safety.	Convicted	Fined \$2.	3.75
Can. Pac. Railway Co., Dept. Nat. Res., Galt Mine, Lethbridge	Machine Man	Did unlawfully stay below ground working for more than eight hours during twenty-four consecutive hours.	Convicted	Fined \$1.	2.25

LIST OF PROSECUTIONS UNDER THE MINES ACT DURING 1924—(Continued)

Mine in which contravention was committed	Description of Defendant	Offence Charged	Result of Proceedings	Penalty	Costs
Central Coal Co., Ltd.....	Operator	Did fail to forward monthly returns of output...	Convicted	Fined \$2.....	\$4.25
Rhodes Bros.....	Overman.....	Failed to forward returns for November, 1924 ..	Convicted	Fined \$2.....	5.50
Capital Coll., Ltd.	General Manager	Did fail to forward returns for month of November, 1924.....	Convicted	Fined \$10.....	5.30

CROW'S NEST PASS DISTRICT—DISTRICT NO. 1

Hillcrest Collieries Limited (Mine No. 40)

Mine Office: Hillcrest, Alta.
 Head Office: 160 St. James Street, Montreal, Que.
 Authorized Capital: \$3,000,000.00.
 President: Sir Charles Gordon, C.B.E.
 Vice-President: Charles Meredith.
 Directors: Sir Herbert Holt, G. H. Duggan, J. M. Mackie, M. P. Davis,
 R. G. Drinnan, C. R. Hamilton, K.C., C. P. Hill.
 Managing Director and Secretary: J. M. Mackie.
 Treasurer: Frank J. Smith.
 General Manager: Wm. Stevenson.
 Manager: Thomas O. Davis.
 Overman: John Ironmonger.
 Examiners: George Bambrough, William Adlam, J. W. Makin, Charles
 Evans, Harry Fisher, Dan Kyle, Denis Convery, John Mackie, John
 Stevenson, John Graham, Henry Instone, Fred Willets, Frank Lote.
 Engineer: William Hutchinson.
 Master Mechanic: George H. Altham.
 Mine Surveyor: David S. Hutchinson.
 Location of Mine: N.E.¼, Sec. 18, Tp. 7, Rge. 3, W. 5th Mer.
 Area: 4,120 acres. Character of Coal: Bituminous.

The following addition has been made to the plant:

A 4" four stage Worthington centrifugal pump operated by a 150 H.P. electric motor has been installed underground materially increasing their pumping facilities.
 A Diamond Drill Bore Hole has been put down on the North end of the property, coal being reached at a depth of 1359 feet.

West Canadian Collieries Limited

Head Office: 3 London Wall Bldg., London E.C. 2, England.
 Head Office in Canada: Blairmore, Alberta.
 Authorized Capital: \$3,600,000.00.
 President and Chairman: Alphonse Wicart, 7 Rue De Texremonde, Lille, France.
 Vice-President and Chairman for Canada: Jules Charbonnier, 34 Rue de la Charite, Lyons, France.
 Directors: A. Wicart, Edmond Ory, J. Charbonnier, Edouard Carlier, Baron de la Grange O'Tard, Jean Cavois, Henry Maitland Kersey, Edouard Rasson, Hon. Senator Raoul Dandurand, Hon. Senator Lemieux.
 Secretary-Treasurer: W. F. Prior, 53 Boulevard de Liberte, Lille, France.
 General Manager: G. A. Vissac, Blairmore, Alberta.
 Electrical Engineer: G. H. Thompson, Blairmore, Alberta.

Bellevue Mine (Mine No. 87)

Mine Office: Bellevue, Alberta.
 Mine Manager: L. P. Robert.
 Assistant Mine Manager: Noble McDonald.
 Overman: Albert Hallworth.
 Examiners: T. Bradley, A. Padgett, H. Blake, J. Radford, H. Smith, S. Richards, H. Hutton, G. Cousins, W. Prescott, D. Hutton, T. Nanson, J. Milnes, G. Coupland, J. Fourneau, N. Evans, J. J. McIntyre.
 Master Mechanic: Steven Berry.
 Mine Surveyor: M. Piard.
 Location of Mine: L.S. 10, Sec. 20, Tp. 7, Rge. 3, W. 5th Mer.
 Area: 2,400 acres. Character of Coal: Bituminous.

The following improvements and additions have been made to the mine and plant:

A double drum gravity hoist for coal loading.

Two Bellis and Morcom high pressure air compressors, vertical type, each operated by a 520 h.p. self starting synchronous motor, have been installed on the surface opposite 14 chute, for the purpose of supplying air to the locomotives for underground haulage.

All hoists used for hoisting rock and timber above ground have been changed from steam to electrical power.

Eighteen Type "E" Edison safety lamps have been put into use.

One Class "U" four stage, horizontal split case centrifugal pump with pipe line has been installed at No. 7 level, for underground pumping.

A rock tunnel off No. 8 slope from No. 2 seam to No. 1 seam for double track haulage road (size 15 ft. x 8 ft.), has been driven.

Greenhill Mine (Mine No. 396)

Mine Office: Blairmore, Alberta.

Mine Manager: Raoul Green, Blairmore, Alberta.

Overman: William Pearson.

Examiners: J. McAndrews, R. Hays, J. A. McDonald, J. Patterson, M. Hamilton, F. Gavelin, David Martin, T. Evans, D. Rees, B. Wiswell, Robt. Oakes.

Master Mechanic: J. McPhail.

Mine Surveyor: M. H. Congdon.

Location of Mine: L.S. 10, Sec. 2, Tp. 8, Rge. 4, W. 5th Mer.

Area: 2,400 acres.

Character of Coal: Bituminous.

The following improvements and additions have been made to the plant and mine:

A coal washing plant on the dry cleaning system together with shaking screen and conveyors has been installed, all the machinery in same being operated electrically.

The engine operating the main and tail rope haulage on No. 3 gangway from the inside workings to the surface has been changed from steam to electrical power.

Connection has been made from No. 2 seam to No. 1 seam on No. 3 gangway by means of a rock tunnel 6 feet by 8 feet and 100 feet long. The No. 3 counter gangway has been connected to a gangway driven from Boisjoli Valley.

International Coal & Coke Company Limited (Mine No. 88)

Mine and Head Office: Coleman, Alberta.

Authorized Capital: \$3,000,000.00.

President: A. C. Flumerfelt.

Vice-President: H. Davidson.

Directors: A. C. Flumerfelt, H. Davidson, J. P. Roberts, James Black, C. S. Houghton.

Secretary: Harry J. Davis.

Treasurer: Joseph Emmerson.

General Manager: O. E. S. Whiteside.

Overman: John Cox.

Examiners: T. Badham, A. J. Brown, R. M. Greenhalgh, T. Flynn, J. S. Richards, R. Baker, J. Hatfield.

Master Mechanic: James Scott.

Mine Surveyor: Luke Lindoe.

Manager: J. A. McLeod.

Location of Mine: Sec. 16, Tp. 8, Rge. 4, W. 5th Mer.

Area: 4,410 acres.

Character of Coal: Bituminous.

The following additions and improvements have been made to the plant and mine:

The men are now conveyed up and down the slope in trips on special mine cars, six of these cars having been put into operation for this purpose. Sixty mine cars have been built and put into use.

A rock tunnel 8 feet by 14 feet and 200 feet long has been driven off "D" level from No. 4 to No. 2 seam.

Mohawk Bituminous Mines Limited (Mine No. 133)

Head Office: 515 Lancaster Building, Calgary, Alberta.

Mine Office: Bellevue, Alberta.

Authorized Capital: \$50,000.00.

President and General Manager: James Cardle.

Directors: E. Richardson, A. Carlyle.

Secretary: L. Smith.

Treasurer: E. Richardson.

Overman: A. W. Ashman.

Examiners: James Cardle, H. Campbell.

Master Mechanic: A. Shearer.

Mine Surveyor: M. Piard.

Location of Mine: S.E. $\frac{1}{4}$, Sec. 21, Tp. 7, Rge. 3, W. 5th Mer.

Area: 640 acres.

Character of Coal: Bituminous.

The following improvements and additions have been made to the plant and mine:

A rock tunnel 7 feet wide by 8 feet high is being driven from the outside to connect with the mine workings at the bottom of the slope. This tunnel has been driven 90 feet and a further 160 feet has to be driven, when completed it will do away with the present short tunnel and inside slope.

Pass Bituminous Collieries (Mine No. 153)

Mine Office: Burmis, Alberta.

Overman: John Jackson.

Mine Surveyor: J. L. Parker.

Location of Mine: N.E. $\frac{1}{4}$, Sec. 14, Tp. 7, Rge. 3, W. 5th Mer.

Area: 482 acres.

Character of Coal: Bituminous.

The following improvements have been made to the plant and mine:

No. 2 seam 6 feet thick is now being worked, pillars being ext acted from same. A tunnel 6 feet by 6 $\frac{1}{2}$ feet has been driven to No. 1 seam which has a thickness of 4 feet, the intention being to develop this seam.

A coal bin, capacity 50 tons, has been built at the mine and one at the railroad some 2,000 feet from the mine, capacity 25 tons.

Coal is being hauled from the mine to the box car by team and waggon.

McGillivray Creek Coal & Coke Company Limited (Mine No. 204)

Mine and Head Office: Coleman, Alberta.

Authorized Capital: \$3,000,000.00.

President: James A. Nowell, St. Paul, Minn.

Vice-President: Lorne A. Campbell, Rossland, B.C.

Directors: James A. Nowell, Lorne A. Campbell, Fitzhugh Burns, Luman C. Simons, George Kellock.

Secretary-Treasurer: Albert F. Short, Coleman.

General Manager: George Kellock, Coleman.

Mine Manager: David Davidson.

Overmen: J. O. C. McDonald, A. Dewar, J. Kellock, H. Gates.

Examiners: T. Parry, R. Holmes, J. T. Griffiths, I. A. James, W. Hopkins, R. Tennant, J. Hopkins, H. Dunlop, A. Beveridge.

Master Mechanic: H. McLeod.

Mine Surveyor: W. E. Hall.

Location of Mine: S.E. $\frac{1}{4}$, Sec. 17, Tp. 8, Rge. 4, W. 5th Mer.

Area: 1,950 acres.

Character of Coal: Bituminous.

The following improvements have been made to the plant and mine:

Two Babcock and Wilcox boilers with a capacity of 500 h.p. each have been added to the plant.

A Jeffrey double inlet fan, size 6 feet by 3 feet, with a capacity of 100,000 cubic feet of air, belt connected to a 100 h.p. electric motor has been installed.

Sunburst Coal Company (Mine No. 802)

Formerly Blairmore Coal Company Limited

Mine Office: Blairmore, Alberta.

Overman: C. Cartwright.

Mine Surveyor: A. Hnatyshyn.

Location of Mine: E. $\frac{1}{2}$, Sec. 34, Tp. 7, Rge. 4, W. 5th Mer.

Area: 320 acres.

Character of Coal: Bituminous.

There were no improvements during the year.

Canadian-American Coal Company (Mine No. 820)

Mine Office: Coleman, Alberta.

Location of Mine: N.W. $\frac{1}{4}$, Sec. 3, Tp. 8, Rge. 5, W. 5th Mer.

Character of Coal: Bituminous.

Development work was done, the mine is at present closed.

Rhodes Brothers (Mine No. 1153)

Mine Office: Burmis, Alberta

Overman: Harold Rhodes.

Mine Surveyor: J. L. Parker.

Location of Mine: L.S. 2, Sec. 12, Tp. 7, Rge. 3, W. 5th Mer.

Area: 40 acres.

Character of Coal: Bituminous.

The following improvements and additions have been made to the mine and plant:

Coal bin has been built, capacity 150 tons, also the tippie which will handle 100 tons per day. Powder house has been built, capacity one ton. Coal is hauled from this mine by team and wagon to the railway some two miles away.

Mine is opened out by a drift on the strike of the seam, two raises have been put through to the surface for ventilation purposes and second outlets.

Joseph Little (Mine No. 1183)

Mine Office: Blairmore, Alberta.

Location of Mine: W. $\frac{1}{2}$, Sec. 28, Tp. 7, Rge. 3, W. 5th Mer.

Character of Coal: Bituminous.

This mine is at present closed.

PINCHER CREEK DISTRICT—DISTRICT NO. 2

Estill Mining Company (Mine No. 76)

Mine Office: Lundbreck.

President and General Manager: Larch Estill.

Vice-President: Robert Estill.

Secretary-Treasurer: Myrtle Estill.

Overman: Charles Simister.

Examiner: Isaac Thomas.

Mine Surveyor: J. L. Parker.

Location of Mine: L.S. 11, Sec. 23, Tp. 7, Rge. 2, W. 5th Mer.

Area: 160 acres.

Character of Coal: Sub-Bituminous.

There were no improvements during the year, this mine is at present closed.

Kaye and Rhodes (Mine No. 77)

Mine Office: Lundbreck.

Overman: James B. Rhodes.

Location of Mine: Sec. 26, Tp. 7, Rge. 2, W. 5th Mer.

Character of Coal: Sub-Bituminous.

McDowall Brothers (Mine No. 199)

Mine Office: Beaver Mine.

Overman: Leslie McDowall.

Mine Surveyor: Arthur E. Graham.

Location of Mine: N.E. $\frac{1}{4}$, Sec. 3, Tp. 6, Rge. 2, W. 5th Mer.

Area: 40 acres.

Character of Coal: Sub-Bituminous.

There were no improvements during the year.

James H. Owens (Mine No. 295)

Mine Office: Pincher Creek.

Overman: James H. Owens.

Mine Surveyor: M. Piard.

Location of Mine: N.W. $\frac{1}{4}$, Sec. 10, Tp. 5, Rge. 1, W. 5th Mer.

Area: 40 acres.

Character of Coal: Sub-Bituminous.

There were no improvements during the year.

Richard Murtland (Mine No. 715)

Mine Office: Pincher Creek.

Overman: Richard Murtland.

Mine Surveyor: M. Piard.

Location of Mine: S.W. $\frac{1}{4}$, Sec. 16, Tp. 5, Rge. 1, W. 5th Mer.

Area: 40 acres.

Character of Coal: Sub-Bituminous.

The following improvements and additions have been made to the mine:

A new tunnel was driven and the seam reached at a point some 280 feet from the outside; also an air shaft put through, the old tunnel being finished.

A wooden coal bin, capacity 175 tons has been built.

Boundary Coal Company (Mine No. 779)

Mine Office: Pincher Creek.

Overman: Aaron Mosley.

Location of Mine: N.W. $\frac{1}{4}$, Sec. 17, Tp. 6, Rge. 30, W. 4th Mer.

Area: 40 acres.

Character of Coal: Sub-Bituminous

John L. Patton (Mine No. 1096)

Mine Office: Lundbreck.

Overman: Albert E. Powell.

Mine Surveyor: J. L. Parker.

Location of Mine: L.S. 15, Sec. 26, Tp. 7, Rge. 2, W. 5th Mer.

Area: 40 acres.

Character of Coal: Sub-Bituminous.

The following improvements and additions have been made to the mine:

The slope has been driven down some fifty feet and a new gangway driven from the bottom of the slope.

Frederick L. Mouysset (Mine No. 1108)

Mine Office: Maycroft.

Location of Mine: S.W. $\frac{1}{4}$, Sec. 32, Tp. 10, Rge. 2, W. 5th Mer.

This mine is at present closed.

Marlow & Gardner (Mine No. 1132)

Mine Office: Lundbreck.

Overman: Robert E. Marlow.

Mine Surveyor: J. L. Parker.

Location of Mine: Sec. 1, Tp. 8, Rge. 2, W. 5th Mer.

Area: 40 acres.

Character of Coal: Sub-Bituminous.

Mitchell & Wood (Mine No. 1162)

Mine Office: Lundbreck.

Overman: Matthew Wood.

Location of Mine: N. $\frac{1}{2}$, Sec. 25, Tp. 7, Rge. 2, W. 5th Mer.

Area: 20 acres.

Character of Coal: Sub-Bituminous.

Some 20 feet of an entry was driven when the old workings of a mine operated twenty-two years ago were encountered. This mine is at present closed.

Thomas Tonge (Mine No. 1175)

Mine Office: Lundbreck, Alberta.

Overman: Thomas Tonge.

Location of Mine: S.W. $\frac{1}{4}$, Sec. 23, Tp. 7, Rge. 2, W. 5th Mer.

Area: 160 acres.

Character of Coal: Sub-Bituminous.

Seam is pitching 75 degrees, 8 feet thick, slope is down 15 feet on a pitch of degrees, 6 feet wide, 7 feet high. Tipple capacity 75 tons, coal bin to hold 30 tons.

LETHBRIDGE DISTRICT—DISTRICT NO. 3

Department of Natural Resources, Canadian Pacific Railway Company
(*Mine No. 3*)

Head Office: Montreal, Que.
Mine Office: Lethbridge, Alberta.
President: E. W. Beatty.
Vice-President: Grant Hall.
Directors: Edward W. Beatty, Hon. Frederick L. Beique, K.C., Grant Hall,
Sir Herbert S. Holt, Chas. R. Hosmer, Col. Frank S. Meighen, C.M.G.,
Sir Vincent Meredith, Bart., F. W. Molson, Sir Augustus Nanton,
J. K. L. Ross, Rt. Hon. Lord Shaughnessy, M.C., Sir Thomas Skinner,
Bart., W. H. Tilley, K.C.
Secretary: Ernest Alexander.
Treasurer: H. E. Suckling.
General-Manager: P. L. Naismith.
General Superintendent: Louis Stockett.
Manager: Robert Livingstone.
Mine Surveyor: W. Meldrum.
Area: 15,115 acres.

Character of Coal: Domestic.

(*No. 3 Mine*)

This mine was abandoned on March 19, 1924, and the plant has been dismantled.

(*No. 6 Mine*)

Overmen: J. Livingstone, Wm. Crawford
Examiners: D. Coutts, J. A. Cooper, W. Clelland, R. Clark, J. Hamilton,
T. Mossey, J. Moore, J. McGowan, J. Stewart, G. Hargreaves, W.
Goldie, J. Miller, T. Worthington.
Master Mechanic: J. A. Carruthers.
Location of Mine: L.S. 15, Sec. 18, Tp. 9, Rge. 21, W. 4th Mer.
Thickness of Seam: 4 feet, 4 inches.

The following improvements and additions have been made to the plant and mine:

The remodelling of switchboard arrangements and wiring and the installation of an Ingersoll Rand B 2 air compressor, capacity 2,800 cubic feet per minute.

C. S. Donaldson Coal Company (Mine No. 54)

Mine Office: Lethbridge.
Manager and Mine Surveyor: C. S. Donaldson.
Overman: J. J. Hamilton.
Examiner: F. Thackeray.
Location of Mine: L.S. 5, Sec. 36, Tp. 8 Rge. 22 W. 4th Mer.
Area: 160 acres. Character of Coal: Domestic.
No improvements or additions have been made during the year.

Consolidated Diamond Collieries Limited (Mine No. 104)

Head and Mine Office: Diamond City.
President: C. E. Metzger
Treasurer and General Manager: M. E. Jackson.
Secretary: J. Doolittle.
Directors: H. A. Howard, F. H. Robinson.
Manager: R. H. Watson.
Overman: J. Bamling.
Master Mechanic: J. R. McKay.
Mine Surveyor: W. Meldrum.
Location of Mine: L.S. 6, Sec. 6, Tp. 10, Rge. 21, W. 4th Mer.
Area: 5,000 acres. Character of Coal: Domestic.
Thickness of Seam: 4 feet to 4 feet 6 inches.
Thickness of Cover: 285 feet.

The following improvements and additions have been made to the plant and mine:

The mine is being developed from the outcrop along the river bank. The Lethbridge seam is being worked and open lights are used throughout the mine.

A new car dump, screen and picking table have been erected on the tippie. All buildings have been repaired and a new wash-house built.

An electrically operated box car loader has been installed and a standard gauge switching locomotive has been purchased for operation on the spur track, between the mine and the Canadian Pacific Railway tracks. Punching machines and a new air line have been installed and a seam jet ash conveyor has been added to the boiler room equipment

North American Collieries Limited (Mine No. 174)

Mine Office: Coalhurst.

Head Office: 908 Lancaster Bldg., Calgary

Authorized Capital: \$1,000,000.00.

President: H. A. Lovett, K.C.

Vice-President: C. M. Hall.

Directors: J. W. Pyke, R. M. Ballantyne, N. Curry, J. M. Mackie.

Secretary-Treasurer: T. C. Boyd.

Business Manager: G. Brockbank.

Mine Manager: D. H. Quigley.

Overman: J. D. Keith.

Assistant Overmen: A. Birse, R. Heap.

Examiners: M. McNab, C. Peacock, James Lindsay, John Lindsay, J.

Ferguson, J. Knox, L. Ridgeway.

Mine Surveyor: C. B. Atkins.

Master Mechanic: W. McMahon.

Location of Mine: L.S. 2, Sec. 21, Tp. 9, Rge. 22, W. 4th Mer.

Area: 8,000 acres. Character of Coal: Domestic.

This mine is located at Coalhurst, north-west of Lethbridge. The Lethbridge seam which is being worked has a thickness of 4 feet 4 inches with shale roof and pavement, thickness of cover 600 feet.

The screening plant has been changed to allow of the preparation of egg coal.

City of Lethbridge (Mine No. 192)

Mine Office: Lethbridge.

Overman and Mine Surveyor: Alfred Davis.

Location of Mine: L.S. 7, Sec. 36, Tp. 8, Rge. 22, W. 4th Mer.

Area: 100 acres. Character of Coal: Domestic.

The total output is used by the City of Lethbridge for the supply of the Power Plant and Civic Offices.

There were no improvements or additions made to the mine during the year.

New Barnes Coal Mine Company (Mine No. 203)

Mine Office: Royal View.

Overman: A. E. Dupen.

Mine Surveyor: A. Davis.

Location of Mine: L.S. 9, Sec. 31, Tp. 9, Rge. 21, W. 4th Mer.

Area: 20 acres. Character of Coal: Domestic.

Thickness of Seam: 4 feet 1 inch.

Thickness of Cover: 60 feet.

There were no improvements or additions made to the mine during the year.

Chinook Coal Company Limited (Mine No. 247)

Mine Office: Commerce.

Location of Mine: L.S. 7, Sec. 12, Tp. 10, Rge. 22, W. 4th Mer.

This mine was closed February 2, 1924.

Andrew Molloy (Mine No. 395)

Mine Office: Picture Butte.

Overman: P. Molloy.

Mine Surveyor: W. Meldrum.

Location of Mine: L.S. 14, Sec. 27, Tp. 10, Rge. 21, W. 4th Mer.

Area: 60 acres. Character of Coal: Domestic.

Thickness of Seam: 3 feet, 3 inches.

Thickness of Cover: 175 feet.

Lethbridge Coal Company Limited (Mine No. 676)

Mine and Head Office: Lethbridge.

Authorized Capital: \$150,000.00.

President: W. S. Henderson.

Vice-President: Edgar Burke.

Directors: W. S. Henderson, Edgar Burke, C. C. Cook.

Secretary: Hugh McIlvena.

Treasurer and General Manager: C. C. Cook.

Mine Manager: J. H. Turner.

Overman: A. M. Queen.

Examiner: W. Hynd.

Mine Surveyor: A. B. Cook.

Master Mechanic: F. Belaski.

Location of Mine: L.S. 12, Sec. 12, Tp. 9, Rge. 22, W. 4th Mer.

Area: 223 acres.

Character of Coal: Domestic.

Thickness of Seam: 4 feet, 4 inches.

Thickness of Cover: 300 feet.

The Lethbridge seam is being worked at this mine which is entered by means of slopes driven down from the river bank to the coal, the system of working is room and pillar.

George Rollingson (Mine No. 738)

Mine Office: Lethbridge.

Overman: George Rollingson.

Mine Surveyor: J. H. Turner.

Location of Mine: L.S. 2, Sec. 11, Tp. 8, Rge. 22, W. 4th Mer.

Area: 30 acres.

Character of Coal: Domestic.

Thickness of Seam: 3 feet, 4 inches.

Thickness of Cover: 50 feet.

John Noble (Mine No. 750)

Mine Office: Iron Springs.

Overman: John Noble.

Mine Surveyor: W. Meldrum.

Location of Mine: L.S. 13, Sec. 27, Tp. 10, Rge. 21, W. 4th Mer.

Area: 30 acres.

Character of Coal: Domestic.

Thickness of Seam: 3 feet.

Thickness of Cover: 100 feet.

Southern Alberta Coal Company Limited (Mine No. 761)

Mine Office: Empress Block, Lethbridge.

Head Office: 318 South Coast St., Spokane, Wash., U.S.A.

Authorized Capital: \$45,000.00.

President: W. A. Beaudry.

Directors: W. A. Beaudry, S. S. Bassett, R. G. Pritchard, W. Harrold.

Secretary-Treasurer: S. S. Bassett.

General Manager: R. O. Cox.

Mine Surveyor: J. H. Turner.

Overman: Robert Wolstencroft.

Location of Mine: L.S. 4, Sec. 36, Tp. 8, Rge. 22, W. 4th Mer.

Area: 75 acres.

Character of Coal: Domestic.

The Lethbridge seam which is being worked has a thickness of 4 feet with shale roof and floor, the cover having a thickness of 200 feet. The mine is entered by means of drifts and is worked on the room and pillar system.

James F. Hamilton (Mine No. 871)

Mine Office: Lethbridge.

Overman: George Roberts.

Mine Surveyor: J. F. Hamilton.

Location of Mine: L.S. 14, Sec. 36, Tp. 8, Rge. 22, W. 4th Mer.

Area: 74 acres.

Character of Coal: Domestic.

Thickness of Seam: 3 feet, 10 inches.

Thickness of Cover: 30 feet.

Edward A. Wocknitz (Mine No. 889)

Mine Office: Lethbridge.
 Overman: F. Hauschild.
 Location of Mine: L.S. 16, Sec. 2, Tp. 8, Rge. 22, W. 4th Mer.
 Area: 20 acres. Character of Coal: Domestic.
 Thickness of Seam: 3 feet, 8 inches. Thickness of Cover: 30 feet.

E. H. F. Warren (Mine No. 983)

Mine Office: Diamond City.
 Overman: E. H. F. Warren.
 Mine Surveyor: W. Meldrum.
 Location of Mine: L.S. 11, Sec. 27, Tp. 10, Rge. 21, W. 4th Mer.
 Area: 70 acres. Character of Coal: Domestic.
 Thickness of Seam: 3 feet, 2 inches. Thickness of Cover: 75 feet.

Bateman & Gent (Mine No. 988)

Location of Mine: L.S. 16, Sec. 31, Tp. 9, Rge. 21, W. 4th Mer.
 This mine was abandoned March 30, 1924.

Donald McNab (Mine No. 993)

Mine Office: Lethbridge.
 Overman: Donald McNab.
 Mine Surveyor: J. H. Turner.
 Location of Mine: L.S. 5, Sec. 11, Tp. 8, Rge. 22, W. 4th Mer.
 Area: 10 acres. Character of Coal: Domestic.
 Thickness of Seam: 2 feet. Thickness of Cover: 34 feet.
 This mine is entered by means of a shaft.

Bembridge, Jackson & Kurtzvey (Mine No. 1045)

Mine Office: Lethbridge.
 Overman: A. Bembridge.
 Location of Mine: L.S. 15, Sec. 2, Tp. 8, Rge. 22, W. 4th Mer.
 Area: 20 acres. Character of Coal: Domestic.
 Thickness of Seam: 2 feet, 6 inches. Thickness of Cover: 150 feet.

Central Coal Company of Lethbridge Limited (Mine No. 1092)
(Formerly Oregon Ranching & Sheep Company Limited)

Mine Office: Lethbridge.
 Authorized Capital: \$50,000.00.
 President and Secretary-Treasurer: P. M. Scroggins.
 Vice-President: P. H. Krause.
 Directors: F. H. Hutton, P. H. Krause, P. M. Scroggins, J. Tambor, G. Schow, C. Tambor, S. A. B. Crabb.
 Overman: Geo. Coutts.
 Mine Surveyor: J. H. Turner.
 Master Mechanic: W. Scott.
 Location of Mine: L.S. 12, Sec. 24, Tp. 9, Rge. 22, W. 4th Mer.
 Area: 410 acres. Character of Coal: Domestic.
 Thickness of Seam: 4 feet. Thickness of Cover: 250 feet.

A shaft 8 feet by 8 feet has been sunk to the coal which was reached at a depth of 246 feet from the surface. A wooden head frame has been erected and a boiler, air compressor and steam hoist installed. The coal is cut with a punching machine. Edison electric lamps are used throughout the mine, the examiners using Wolfe flame type safety lamps.

John Suran (Mine No. 1095)

Mine Office: Hardieville.

Overman: J. Garrett.

Mine Surveyor: W. Meldrum.

Location of Mine: L.S. 9, Sec. 30, Tp. 9, Rge. 21, W. 4th Mer.

Area: 60 acres.

Character of Coal: Domestic.

Thickness of Seam: 4 feet.

Thickness of Cover: 250 feet.

This mine is entered by means of a slope driven on an inclination of one in three from the bottom of a coulee, a second slope is being driven for an airway and an entry is being driven in the coal to connect the two slopes.

Edison electric lamps of the cap type are used by the workmen, the officials using Wolfe flame type safety lamps.

A boiler and steam operated hoist have been installed; also a tippie erected on prairie level. A small fan operated by a gasoline engine supplies ventilation to the mine workings.

Koshawick & Pashkiwsky (Mine No. 1109)

Mine Office: Hardieville.

Overman: John Sadlis.

Location of Mine: L.S. 8, Sec. 31, Tp. 9, Rge. 21, W. 4th Mer.

Area: 30 acres.

Character of Coal: Domestic.

Thickness of Seam: 4 feet.

Thickness of Cover: 75 feet.

This mine is entered by means of drifts.

George Hamilton (Mine No. 1110)

Mine Office: Lethbridge.

Location of Mine: L.S. 2, Sec. 1, Tp. 9, Rge. 22, W. 4th Mer.

Area: 60 acres.

Character of Coal: Domestic.

Thickness of Seam: 4 feet, 2 inches.

Thickness of Cover: 100 feet.

A slope has been sunk to the coal and an entry started from the bottom of the slope. The mine has been closed since August 1st, 1924.

Bourne & Scott (Mine No. 1150)

Mine Office: Lethbridge.

Overman: George Bourne.

Location of Mine: L.S. 5, Sec. 11, Tp. 8, Rge. 22, W. 4th Mer.

Area: 30 acres.

Character of Coal: Domestic.

An entry has been driven in a short distance from the river bank. The seam has a thickness of 3 feet containing 2 feet, 3 inches of coal.

MAGRATH DISTRICT—DISTRICT NO. 4

Robert Reid (Mine No. 55)

Mine Office: Lethbridge.

Overman: R. Reid.

Mine Surveyor: J. H. Turner.

Location of Mine: L.S. 2, Sec. 18, Tp. 7, Rge. 21, W. 4th Mer.

Area: 160 acres.

Character of Coal: Domestic.

Thickness of Seam: 3 feet, 6 inches.

Thickness of Cover: 120 feet.

R. J. Baker (Mine No. 56)

Mine Office: Magrath.

Mine Surveyor: J. H. Turner.

Location of Mine: L.S. 2, Sec. 7, Tp. 7, Rge. 21, W. 4th Mer.

Area: 54 acres.

Character of Coal: Domestic.

Thickness of Seam: 3 feet, 4 inches.

Thickness of Cover: 50 feet.

This mine was closed on March 31st, 1924.

John Rollingson (Mine No. 409)

Mine Office: Magrath.
Location of Mine: L.S. 4, Sec. 17, Tp. 7, Rge. 21, W. 4th Mer.
This mine is now abandoned.

John Rollingson (Mine No. 981)

Mine Office: Magrath.
Overman: J. Rollingson.
Mine Surveyor: J. H. Turner.
Location of Mine: L.S. 13, Sec. 8, Tp. 7, Rge. 21, W. 4th Mer.
Area: 40 acres. Character of Coal: Domestic.
Thickness of Seam: 3 feet. Thickness of Cover: 80 feet.

H. B. Hughson (Mine No. 984)

Mine Office: Magrath.
Location of Mine: S.W. $\frac{1}{4}$, Sec. 1, Tp. 7, Rge. 22, W. 4th Mer.
Area: 160 acres. Character of Coal: Domestic.
Thickness of Seam: 2 feet, 7 inches. Thickness of Cover: 70 feet.
This mine was closed on January 14th, 1924.

Benjamin Oliver (Mine No. 1086)

Mine Office: Magrath.
Overman: B. Oliver.
Mine Surveyor: J. H. Turner.
Location of Mine: L.S. 5, Sec. 8, Tp. 7, Rge. 21, W. 4th Mer.
Area: 95 acres. Character of Coal: Domestic.
Thickness of Seam: 3 feet, 6 inches. Thickness of Cover: 40 feet.

A. Rozzolini (Mine No. 1020)

Mine Office: Windsor Hotel, Lethbridge.
Overman: A. Rozzolini.
Location of Mine: L.S. 4, Sec. 7, Tp. 7, Rge. 21, W. 4th Mer.
Area: 40 acres. Character of Coal: Domestic.

MILK RIVER DISTRICT—DISTRICT NO. 5

Steve Balog (Mine No. 179)

Mine Office: Milk River.
Mine Surveyor: J. A. H. Church.
Location of Mine: L.S. 2, Sec. 6, Tp. 3, Rge. 15, W. 4th Mer.
Area: 160 acres. Character of Coal: Domestic.
Thickness of Seam: 4 feet. Thickness of Cover: 41 feet.
This mine was closed on March 8th, 1924.

Milk River Colliery Company (Mine No. 271)

Mine Office: Milk River.
Overman: G. Brearley.
Mine Surveyor: J. A. H. Church.
Location of Mine: L.S. 5, Sec. 26, Tp. 2, Rge. 16, W. 4th Mer.
Area: 160 acres. Character of Coal: Domestic.
Thickness of Seam: 4 feet. Thickness of Cover: 35 feet.
This mine is entered by means of a main slope and an air shaft.

Evan T. Davies (Mine No. 279)

Mine Office: Milk River.

Overman: E. T. Davies.

Mine Surveyor: J. A. H. Church.

Location of Mine: L.S. 3, Sec. 1, Tp. 3, Rge. 16, W. 4th Mer.

Area: 40 acres.

Thickness of Seam: 3 feet, 2 inches.

Character of Coal: Domestic.

Thickness of Cover: 40 feet.

Evan Evans (Mine No. 316)

Mine Office: Cardston.

Overman: Evan Evans.

Mine Surveyor: J. A. H. Church.

Location of Mine: L.S. 12, Sec. 26, Tp. 2, Rge. 26, W. 4th Mer.

Area: 302 acres.

Thickness of Seam: 12 feet.

Character of Coal: Domestic

T. E. Simpson (Mine No. 381)

Mine Office: Lucky Strike.

Overman: T. E. Simpson.

Mine Surveyor: J. A. H. Church.

Location of Mine: L.S. 13, Sec. 6, Tp. 3, Rge. 11, W. 4th Mer.

Area: 20 acres.

Thickness of Seam: 2 feet, 6 inches.

Character of Coal: Domestic.

Thickness of Cover: 45 feet.

The mine is entered by means of drifts in the bank of a coulee.

A. H. McAlpine (Mine No. 644)

Mine Office: Lucky Strike.

Location of Mine: L.S. 6, Sec. 1, Tp. 3, Rge. 12, W. 4th Mer.

This mine has not been operating during the year.

J. C. Pacy (Mine No. 803)

Location of Mine: L.S. 7, Sec. 24, Tp. 3, Rge. 7, W. 4th Mer.

This mine has been abandoned.

Henry Noble (Mine No. 855)

Mine Office: Boundary Creek.

Location of Mine: L.S. 11, Sec. 15, Tp. 1, Rge. 26, W. 4th Mer.

This mine has been abandoned.

F. W. Walters (Mine No. 881)

Mine Office: Lucky Strike.

Overman: R. C. Walters.

Mine Surveyor: J. A. H. Church.

Location of Mine: L.S. 11, Sec. 10, Tp. 3, Rge. 11, W. 4th Mer.

Area: 40 acres.

Thickness of Seam: 4 feet, 6 inches.

Character of Coal: Domestic.

Thickness of Cover: 70 feet.

The following improvements and additions have been made to the mine:

A steam boiler, a small steam driven air compressor and an Ingersoll-Rand coal cutting machine of the radial post type with the necessary air receiver and pipes have been installed at this mine and practically all the coal is being cut by machine.

Comrey Coal Company (Mine No. 965)

Mine Office: Comrey.

Overman: Thomas Steegstra.

Mine Surveyor: J. A. H. Church.

Location of Mine: L.S. 4, Sec. 9, Tp. 2, Rge. 6, W. 4th Mer.

Area: 30 acres.

Thickness of Seam: 4 feet, 6 inches.

Character of Coal: Domestic.

Thickness of Cover: 200 feet.

W. H. Vair (Mine No. 996)

Mine Office: Boundary Creek.

Overman: W. H. Vair.

Mine Surveyor: J. A. H. Church.

Location of Mine: N.E. $\frac{1}{4}$, Sec. 29, Tp. 1, Rge. 26, W. 4th Mer.

Area: 40 acres.

Character of Coal: Domestic.

Thickness of Seam: 6 feet.

The seam dips to the south-west at an angle of 45 degrees, the mine being entered by means of slopes.

Alex. Noble (Mine No. 1009)

Mine Office: Boundary Creek.

Overman: Alex. Noble.

Mine Surveyor: J. A. H. Church.

Location of Mine: L.S. 4, Sec. 22, Tp. 1, Rge. 26, W. 4th Mer.

Area: 40 acres.

Character of Coal: Domestic.

Thickness of Seam: 6 feet.

The seam dips to the south-west at an angle of 45 degrees, this mine being entered by means of slopes.

A. C. Ostby (Mine No. 1090)

Mine Office: Warner.

Location of Mine: L.S. 10, Sec. 12, Tp. 3, Rge. 17, W. 4th Mer.

Prospecting work only was done at this mine, the coal seam was from fifteen to eighteen inches thick. The mine was abandoned.

Thomas Taylor (Mine No. 1105)

Mine Office: Groton.

Overman: Thomas Taylor.

Location of Mine: L.S. 7, Sec. 10, Tp. 3, Rge. 11, W. 4th Mer.

Area: 120 acres.

Character of Coal: Domestic.

Thickness of Seam: 3 feet.

Thickness of Cover: 60 feet.

E. R. Smith (Mine No. 1161)

Mine Office: Cardston.

Location of Mine: L.S. 7 and 8, Sec. 15, Tp. 1, Rge. 26, W. 4th Mer.

This mine is now abandoned.

Alexander Beveridge (Mine No. 1165)

Mine Office: Lucky Strike.

Overman: A. Beveridge.

Location of Mine: L.S. 12, Sec. 6, Tp. 3, Rge. 11, W. 4th Mer.

Area: 20 acres.

Character of Coal: Domestic.

Thickness of Seam: 2 feet, 4 inches.

Thickness of Cover: 45 feet.

Chas. Ostby (Mine No. 454)

Mine Office: Warner.

Location of Mine: L.S. 12, Sec. 9, Tp. 4, Rge. 16, W. 4th Mer.

Area: 20 acres.

Character of Coal: Domestic.

TABER DISTRICT—DISTRICT NO. 6

Bay Coal Company Limited (Mine No. 82)

Mine Office: Taber.

Authorized Capital: \$40,000.00.

Manager and Overman: E. LeBlanc.

Mine Surveyor: E. LeBlanc.

Location of Mine: L.S. 11, Sec. 8, Tp. 10, Rge. 16, W. 4th Mer.

Area: 640 acres.

Character of Coal: Domestic.

Thickness of Seam: 3 feet, 7 inches.

Thickness of Cover: 136 feet.

The following improvements and additions have been made to the plant and mine:

A standard gauge spur track has been constructed and the tipple altered to allow railroad cars to be loaded at the mine.

Majestic Collieries Limited (Mine No. 105)

Mine and Head Office: Taber.

Authorized Capital: \$500,000.00.

President: D. N. Finnie.

Treasurer: W. E. Forsyth.

Secretary: J. Sommerville.

General Manager: J. I. Carmichael.

Manager: E. S. F. Huntrods.

Overman: E. Marsh.

Examiners: W. Black, W. Vickers.

Mine Surveyor: A. B. Cook.

Master Mechanic: W. F. Henry.

Location of Mine: L.S. 7, Sec. 31, Tp. 9, Rge. 16, W. 4th Mer.

Area: 11,200 acres.

Character of Coal: Domestic.

Thickness of Seam: 3 feet, 7 inches.

Thickness of Cover: 90 feet.

The following improvements and additions have been made to the plant and mine:

A new wash-house has been built, equipped and put into operation.

Canadian Pacific Railway Company (Mine No. 132)

Mine Office: Taber.

Overman: William Wallwork.

Mine Surveyor: W. Meldrum.

Location of Mine: L.S. 14, Sec. 7, Tp. 10, Rge. 16, W. 4th Mer.

Area: 40 acres.

Character of Coal: Domestic.

Thickness of Seam: 3 feet, 8 inches.

Thickness of Cover: 90 feet.

The coal from this mine is used in connection with the pumping plant, supplying water to the Canadian Pacific Railway water tank at Taber.

*Co-Operative Coal Company (Mine No. 170)**(Formerly Rock Springs Brick & Coal Company)*

Mine Office: Elcan.

Overman: W. R. Hughes.

Mine Surveyor: E. S. F. Huntrods.

Master Mechanic: B. Johnson.

Location of Mine: L.S. 14, Sec. 3, Tp. 10, Rge. 17, W. 4th Mer.

Area: 180 acres.

Character of Coal: Domestic.

Thickness of Seam: 3 feet, 4 inches.

Thickness of Cover: 75 feet.

The mine is entered by means of a drift in the bank of the coulee and an air-shaft for ventilation.

Lewis Oliver (Mine No. 201)

Mine Office: Taber.

Overman: Lewis Oliver.

Mine Surveyor: E. S. F. Huntrods.

Location of Mine: L.S. 5, Sec. 18, Tp. 10, Rge. 16, W. 4th Mer.
 Area: 80 acres. Character of Coal: Domestic.
 Thickness of Seam: 3 feet, 8 inches. Thickness of Cover: 40 feet.

Regal Collieries (Mine No. 228)
(Formerly Canadian Block Coal Company Limited)

Mine Office: Taber.
 General Manager and Mine Surveyor: J. Bilteryst.
 Overman: S. A. B. Crabb.
 Location of Mine: L.S. 8, Sec. 19, Tp. 10, Rge. 16, W. 4th Mer.
 Area: 760 acres. Character of Coal: Domestic.
 Thickness of Seam: 3 feet, 8 inches. Thickness of Cover: 158 feet.
 This mine is entered by a shaft 158 feet in depth and an airway driven through to the outcrop of the river bank for ventilation.

Domestic Coal Company (Mine No. 669)

Mine Office: Taber.
 Location of Mine: L.S. 3, Sec. 1, Tp. 10, Rge. 17, W. 4th Mer.
 This mine was abandoned May 20, 1924.

J. L. Melvin (Mine No. 702)

Mine Office: Taber.
 Location of Mine: L.S. 13, Sec. 3, Tp. 10, Rge. 17, W. 4th Mer.
 This mine is abandoned.

J. Stainthorpe (Mine No. 899)

Mine Office: Taber.
 Overman: J. Stainthorpe.
 Mine Surveyor: E. S. F. Huntrods.
 Location of Mine: L.S. 15, Sec. 12, Tp. 10, Rge. 17, W. 4th Mer.
 Area: 16 acres. Character of Coal: Domestic.
 Thickness of Seam: 4 feet. Thickness of Cover: 70 feet.
 No work has been done at this mine this year except the driving of a new prospect tunnel from the outcrop a distance of about 75 feet.

Dunn & Shawcross (Mine No. 909)

Mine Office: Taber.
 Overman: S. Dunn.
 Mine Surveyor: E. S. F. Huntrods.
 Location of Mine: L.S. 11, Sec. 18, Tp. 10, Rge. 16, W. 4th Mer.
 Area: 30 acres. Character of Coal: Domestic.
 Thickness of Seam: 4 feet. Thickness of Cover: 75 feet.
 The mine is entered by means of drifts driven in from the outcrop in the river bank. Two new drifts have been driven, the entrances to the old ones having been blocked by sand which drifted from the land on the top of the bank.

Joseph Ferens (Mine No. 987)

Mine Office: Taber.
 Location of Mine: L.S. 8, Sec. 11, Tp. 10, Rge. 17, W. 4th Mer.
 This mine is abandoned.

Henry Miller (Mine No. 1010)

Mine Office: Taber
 Overman: H. Miller.
 Mine Surveyor: E. S. F. Huntrods.
 Location of Mine: L.S. 15, Sec. 36, Tp. 10, Rge. 17, W. 4th Mer.
 Area: 40 acres. Character of Coal: Domestic.
 Thickness of Seam: 3 feet, 6 inches. Thickness of Cover: 145 feet.

William Valgardson (Mine No. 1073)

Mine Office: Taber.
Location of Mine: S.E. $\frac{1}{4}$, Sec. 30, Tp. 10, Rge. 16, W. 4th Mer.
This mine is abandoned.

Barnwell Community Mine Company (Mine No. 1079)

Mine Office: Barnwell.
Overman: Wm. Doram.
Mine Surveyor: E. S. F. Huntrods.
Location of Mine: L.S. 1, Sec. 9, Tp. 10, Rge. 17, W. 4th Mer.
Area: 20 acres. Character of Coal: Domestic.
Thickness of Seam: 3 feet. Thickness of Cover: 60 feet.

Bland, Shapley & Bennett (Mine No. 1088)

Mine Office: Taber.
Location of Mine: Sec. 30, Tp. 10, Rge. 16, W. 4th Mer.
Operations were never commenced at this mine, which is now abandoned.

Renfrew Coal Company (Mine No. 1122)

Mine Office: Taber.
Overman: Joseph Gidman.
Mine Surveyor: E. S. F. Huntrods.
Location of Mine: L.S. 2, Sec. 1, Tp. 10, Rge. 17, W. 4th Mer.
Area: 40 acres. Character of Coal: Domestic.
Thickness of Seam: 3 feet, 7 inches. Thickness of Cover: 70 feet.
A rock slope has been sunk to the coal and an airshaft put up for ventilation. A tippie has been erected and an electric hoist, by means of which the coal is pulled up the slope onto the tippie has been installed. The coal is undercut by a Sullivan electrically operated coal cutting machine of the chain type.
Power is obtained from the plant of the Majestic Collieries, Limited, a new power line having been erected to the mine of the Renfrew Coal Co.

Oliver Coal Company Limited (Mine No. 1124)

Mine Office: Taber.
Overman: Edward Oliver.
Location of Mine: L.S. 5, Sec. 1, Tp. 10, Rge. 17, W. 4th Mer.
Area: 40 acres. Character of Coal: Domestic.
Thickness of Seam: 3 feet, 8 inches. Thickness of Cover: 80 feet.
The mine is entered by means of a drift driven in from the outcrop on the bank of the coulee. An airshaft has been put up for ventilation. A tippie has been erected.

John Mullen (Mine No. 1145)

Mine Office: Taber.
Location of Mine: L.S. 1, Sec. 13, Tp. 10, Rge. 17, W. 4th Mer.
This mine is now abandoned.

Floyd Martin (Mine No. 1164)

Mine Office: Taber.
Overman: F. Martin.
Location of Mine: L.S. 12, Sec. 10, Tp. 10, Rge. 17, W. 4th Mer.
Area: 40 acres. Character of Coal: Domestic.
Thickness of Seam: 3 feet. Thickness of Cover: 50 feet.

BOW ISLAND DISTRICT—DISTRICT NO. 7

Jonathan J. Mills (Mine No. 180)

Mine Office: Grassy Lake.
Overman: J. J. Mills.
Mine Surveyor: J. A. H. Church.
Location of Mine: L.S. 13, Sec. 23, Tp. 9, Rge. 13, W. 4th Mer.
Area: 120 acres. Character of Coal: Domestic.
Thickness of Seam: 5 feet. Thickness of Cover: 30 feet.

Carlo Perini (Mine No. 341)

Mine Office: Prospery.
Overman: Carlo Perini.
Mine Surveyor: J. A. H. Church.
Location of Mine: L.S. 9, Sec. 5, Tp. 8, Rge. 8, W. 4th Mer.
Area: 20 acres. Character of Coal: Domestic.
Thickness of Seam: 3 feet, 6 inches. Thickness of Cover: 40 feet.

George Scott Gibson & Son (Mine No. 377)

Mine Office: Grassy Lake.
Overman: G. S. Gibson, Jr.
Mine Surveyor: J. A. H. Church.
Location of Mine: L.S. 4, Sec. 25, Tp. 9, Rge. 13, W. 4th Mer.
Area: 40 acres. Character of Coal: Domestic.
Thickness of Seam: 5 feet, 3 inches. Thickness of Cover: 60 feet.

Louis Santoni (Mine No. 448)

Mine Office: Bow Island.
Overman: L. Santoni.
Mine Surveyor: J. A. H. Church.
Location of Mine: L.S. 7, Sec. 36, Tp. 11, Rge. 11, W. 4th Mer.
Area: 40 acres. Character of Coal: Domestic.
Thickness of Seam: 3 feet, 2 inches. Thickness of Cover: 100 feet.

Dominic Annon (Mine No. 672)

Mine Office: Winnifred.
Overman: D. Annon.
Mine Surveyor: A. B. Cook.
Location of Mine: L.S. 3, Sec. 27, Tp. 12, Rge. 10, W. 4th Mer.
Area: 40 acres. Character of Coal: Domestic.
Thickness of Seam: 6 feet. Thickness of Cover: 200 feet.

A. J. Cutland (Mine No. 691)

Mine Office: Grassy Lake.
Overman: A. J. Cutland.
Mine Surveyor: J. A. H. Church.
Location of Mine: L.S. 15, Sec. 23, Tp. 9, Rge. 13, W. 4th Mer.
Area: 40 acres. Character of Coal: Domestic.
Thickness of Seam: 5 feet. Thickness of Cover: 40 feet.

Jules Lavenne (Mine No. 751)

Mine Office: Winnifred.
Location of Mine: L.S. 2, Sec. 27, Tp. 12, Rge. 10, W. 4th Mer.
This mine was abandoned on January 5, 1924, on account of a fire in the mine.

W. H. Perry (Mine No. 934)

Mine Office: Burdett.
Location of Mine: L.S. 10, Sec. 36, Tp. 11, Rge. 11, W. 4th Mer.
This mine is now abandoned.

Z. A. Dunlap (Mine No. 944)

Mine Office: Etzikom.
 Overman: Z. A. Dunlop.
 Location of Mine: L.S. 16, Sec. 10, Tp. 7, Rge. 9, W. 4th Mer.
 Area: 40 acres. Character of Coal: Domestic.

Vittorio Carraini (Mine No. 1003)

Mine Office: Maleb.
 Overman: V. Carraini.
 Mine Surveyor: J. A. H. Church.
 Location of Mine: L.S. 13, Sec. 6, Tp. 8, Rge. 10, W. 4th Mer.
 Area: 40 acres. Character of Coal: Domestic.
 Thickness of Seam: 4 feet, 5 inches. Thickness of Cover: 40 feet.

Peter B. Barr (Mine No. 1031)

Mine Office: Bow Island.
 Overman: Peter Barr.
 Mine Surveyor: A. B. Cook.
 Location of Mine: L.S. 14, Sec. 22, Tp. 12, Rge. 10, W. 4th Mer.
 Area: 40 acres. Character of Coal: Domestic.
 Thickness of Seam: 5 feet, 3 inches. Thickness of Cover: 200 feet.

Louis Domso (Mine No. 1097)

Mine Office: Grassy Lake.
 Overman: L. Domso.
 Location of Mine: L.S. 8, Sec. 26, Tp. 9, Rge. 13, W. 4th Mer.
 Area: 20 acres. Character of Coal: Domestic.
 Thickness of Seam: 4 feet, 8 inches. Thickness of Cover: 40 feet.

C. Lanz (Mine No. 1114)

Mine Office: Etzikom.
 Overman: C. Lanz.
 Location of Mine: L.S. 12, Sec. 13, Tp. 7, Rge. 9, W. 4th Mer.
 Area: 20 acres. Character of Coal: Domestic.
 Thickness of Seam: 2 feet. Thickness of Cover: 15 feet.

Jules Lavenne (Mine No. 1140)

Mine Office: Winnifred.
 Overman: J. Lavenne.
 Location of Mine: L.S. 5, Sec. 22, Tp. 12, Rge. 10, W. 4th Mer.
 Area: 20 acres. Character of Coal: Domestic.
 Thickness of Seam: 4 feet, 6 inches. Thickness of Cover: 130 feet.
 The mine is entered by a drift driven in from the outcrop on the bank of the coulee. A wooden tipple has been erected.

MEDICINE HAT DISTRICT—DISTRICT NO. 8

Redcliff Brick and Coal Company Limited

Mine Office: Redcliff.
 Head Office: Minneapolis, Minn., U.S.A.
 Authorized Capital: \$900,000.00.
 Vice-President: F. H. Peterson.
 Directors: C. H. Kohler, W. F. Christian, S. H. Williams, F. H. Peterson,
 H. N. Owen, H. M. Loughton, E. Hoidale, E. H. Sellhorn, A. B. Cutts,
 M. J. Gunderson, J. S. McLean.
 Secretary: S. H. Williams.
 Treasurer: E. Hoidale.
 General Manager: E. H. Sellhorn.
 Mine Surveyor: Gordon L. Kidd.
 Location of Mines: L.S. 14, Sec. 5, Tp. 13, Rge. 6, W. 4th Mer.
 Area: 10,083 acres. Character of Coal: Domestic.

Mine No. 165 (Coal Mine)

Overman: J. M. Stratton.

Thickness of Seam: 4 feet, 10 inches.

Thickness of Cover: 220 feet.

Mine No. 765 (Shale Mine)

Overman: J. M. Stratton.

Thickness of Seam: 12 to 16 feet.

Thickness of Cover: 5 to 50 feet.

The shale is used for the manufacture of bricks.

Redcliff Premier Brick Company Limited (Mine No. 332)
*(Shale Mine)*Location of Mine: N.W. $\frac{1}{4}$, Sec. 9, Tp. 13, Rge. 6, W. 4th Mer.

This is a stripping pit, about 18 feet of dirt is removed to uncover a seam of shale 14 feet thick. The shale is used for the manufacture of bricks.

Redcliff Pressed Brick Company Limited (Mine No. 379)
(Shale Mine)

Mine Office: Redcliff.

Head Office: Redcliff.

Authorized Capital: \$150,000.00.

Vice-President: James Mitchell.

Directors: James Hargreaves, A. W. Woodcock, James Mitchell, H. G.

Sheasby, Dr. J. C. Hargreaves, H. J. Sissons.

Secretary-Treasurer and General Manager: H. J. Sissons.

Overman: Andrew Learmonth.

Mine Surveyor: G. L. Kidd.

Location of Mine: L.S. 5, Sec. 9, Tp. 13, Rge. 6, W. 4th Mer.

Area: 40 acres.

Two seams of shale are being worked. The upper seam is from 12 feet to 16 feet thick with a cover of 20 feet. The lower seam is 12 feet thick with a cover of 50 feet. The shale is used for the manufacture of bricks.

Walter Reville (Mine No. 602)

Mine Office: Wisdom.

Overman: W. Reville.

Mine Surveyor: G. L. Kidd.

Location of Mine: L.S. 11, Sec. 2, Tp. 9, Rge. 5, W. 4th Mer.

Area: 20 acres.

Character of Coal: Domestic.

Thickness of Seam: Upper seam, 6 feet; lower seam, 4 feet.

The seams outcrop along the bank of the coulee and dip at the rate of 14 degrees in a direction north 85 degrees east. The two seams are separated by two feet, two inches of dirty coal.

George Bragdich (Mine No. 689)
(Stripping Pit)

Mine Office: Thelma.

Overman: G. Bragdich.

Mine Surveyor: G. L. Kidd.

Location of Mine: L.S. 5, Sec. 18, Tp. 7, Rge. 2, W. 4th Mer.

Area: 20 acres.

Character of Coal: Domestic.

Thickness of Seam: 9 feet.

Thickness of Cover: 18 feet.

The coal is mined by first stripping off the overburden.

Fred Rataushk (Mine No. 718)

Mine Office: Eagle Butte.

Overman: F. Rataushk.

Mine Surveyor: G. L. Kidd.

Location of Mine: L.S. 15, Sec. 28, Tp. 8, Rge. 4, W. 4th Mer.
 Area: 40 acres. Character of Coal: Domestic.
 Thickness of Seam: 8 feet, 6 inches. Thickness of Cover: 160 feet.

Ajax Coal Company Limited (Mine No. 772)

Mine and Head Office: Medicine Hat.
 President: L. N. Laidlaw.
 Secretary-Treasurer: W. H. Gray.
 Directors: L. N. Laidlaw, C. S. Blanchard, W. H. Gray.
 Manager and Overman: A. B. Hunter.
 Mine Surveyor: A. B. Hunter.
 Examiners: J. Hunter, D. Roberts.
 Location of Mine: L.S. 2, Sec. 5, Tp. 13, Rge. 6, W. 4th Mer.
 Area: 1,940 acres. Character of Coal: Domestic.
 Thickness of Seam: 6 feet, 3 inches. Thickness of Cover: 200 feet.

The following improvements and additions have been made to the plant and mine:

A new wooden tippie has been erected, and the main and tail rope haulage system has been installed, the haulage is electrically operated.

The coal is undercut by electrically operated coal cutting machines of the chain type, electric power being obtained by the Medicine Hat Power Plant.

Aaron Smith (Mine No. 838)

Mine Office: Suffield.
 Location of Mine: L.S. 7, Sec. 28, Tp. 12, Rge. 10, W. 4th Mer.
 Area: 120 acres. Character of Coal: Domestic.
 Thickness of Seam: 4 feet, 2 inches. Thickness of Cover: 120 feet.

Harry Last (Mine No. 903)

Mine Office: Elkwater.
 Overman: H. Last.
 Mine Surveyor: G. L. Kidd.
 Location of Mine: L.S. 16, Sec. 23, Tp. 8, Rge. 3, W. 4th Mer.
 Area: 20 acres. Character of Coal: Domestic.
 Thickness of Seam: 5 feet, 7 inches. Thickness of Cover: 100 feet.

Jacob J. Shock (Mine No. 925)
(Stripping Pit)

Mine Office: Thelma.
 Location of Mine: L.S. 15, Sec. 12, Tp. 7, Rge. 3, W. 4th Mer.
 This mine was abandoned on January 2nd, 1924.

Aaron A. Smith (Mine No. 936)

Mine Office: Suffield.
 Location of Mine: L.S. 1, Sec. 29, Tp. 12, Rge. 10, W. 4th Mer.
 This mine has not been worked during the year and is now abandoned.

Kasper & Olsen (Mine No. 1077)

Mine Office: Bingville.
 Location of Mine: L.S. 3, Sec. 11, Tp. 17, Rge. 5, W. 4th Mer.
 This mine has not been worked during the year and is now abandoned.

W. J. Morrison (Mine No. 1116)

Mine Office: Little Plume.
 Location of Mine: N.E. $\frac{1}{4}$, Sec. 35, Tp. 8, Rge. 5, W. 4th Mer.
 Prospecting work only was done at this mine and the seam did not prove satisfactory. The mine is now abandoned.

Wm. Geddes (Mine No. 1138)

Mine Office: Little Plume.
Overman: Wm. Geddes.
Location of Mine: L.S. 15, Sec. 2, Tp. 9, Rge. 5, W. 4th Mer.
Area: 20 acres. Character of Coal: Domestic.
Thickness of Seam: 5 feet. Thickness of Cover: 75 feet.

ALDERSYDE DISTRICT—DISTRICT NO. 9

George Rhodes (Mine No. 136)

Mine Office: Long Coulee.
Overman: G. Rhodes.
Mine Surveyor: J. A. H. Church.
Location of Mine: L.S. 7, Sec. 8, Tp. 15, Rge. 22, W. 4th Mer.
Area: 10 acres. Character of Coal: Domestic.
Thickness of Seam: 3 feet. Thickness of Cover: 40 feet.

Charles Farrell (Mine No. 151)

Mine Office: Reid Hill.
Overman: C. Farrell.
Mine Surveyor: J. A. H. Church.
Location of Mine: L.S. 15, Sec. 24, Tp. 16, Rge. 23, W. 4th Mer.
Area: 80 acres. Character of Coal: Domestic.
Thickness of Seam: 2 feet. Thickness of Cover: 40 feet.

Frederick Hetherington (Mine No. 224)

Mine Office: Armada.
Overman: F. Hetherington.
Mine Surveyor: J. H. Turner.
Location of Mine: L.S. 16, Sec. 29, Tp. 16, Rge. 21, W. 4th Mer.
Area: 20 acres. Character of Coal: Domestic.
Thickness of Seam: 3 feet, 7 inches. Thickness of Cover: 30 feet.

J. W. Ashmore & Sons (Mine No. 296)

Mine Office: Champion.
Overman: J. Ashmore, Jr.
Mine Surveyor: A. B. Cook.
Location of Mine: L.S. 1, Sec. 8, Tp. 16, Rge. 23, W. 4th Mer.
Area: 40 acres. Character of Coal: Domestic.
Thickness of Seam: 4 feet. Thickness of Cover: 50 feet.

W. J. Douglas (Mine No. 476)

Mine Office: Champion.
Overman: W. J. Douglas.
Mine Surveyor: A. B. Cook.
Location of Mine: L.S. 9, Sec. 33, Tp. 15, Rge. 23, W. 4th Mer.
Area: 80 acres. Character of Coal: Domestic.
Thickness of Seam: 3 feet, 4 inches. Thickness of Cover: 36 feet.

W. E. Watkins (Mine No. 739)

Mine Office: Champion.
Overman: W. E. Watkins.
Mine Surveyor: A. B. Cook.
Location of Mine: L.S. 4, Sec. 9, Tp. 16, Rge. 23, W. 4th Mer.
Area: 40 acres. Character of Coal: Domestic.
Thickness of Seam: 4 feet, 2 inches. Thickness of Cover: 40 feet.

Alex. Fraser (Mine No. 758)

Mine Office: Carmangay.

Overman: A. Fraser.

Mine Surveyor: J. H. Turner.

Location of Mine: L.S. 14, Sec. 25, Tp. 14, Rge. 22, W. 4th Mer.

Area: 40 acres.

Character of Coal: Domestic.

Thickness of Seam: 2 feet, 8 inches

Thickness of Cover: 100 feet.

James Ellis (Mine No. 910)

Mine Office: Champion.

Overman: J. Ellis.

Mine Surveyor: A. B. Cook.

Location of Mine: L.S. 1, Sec. 4, Tp. 16, Rge. 23, W. 4th Mer.

Area: 40 acres.

Character of Coal: Domestic.

Thickness of Seam: 4 feet.

Thickness of Cover: 56 feet.

Frederick Hetherington (Mine No. 1112)

Mine Office: Carmangay.

Location of Mine: L.S. 9, Sec. 9, Tp. 14, Rge. 23, W. 4th Mer.

This mine was abandoned on September 19th, 1924.

Smith & Popovich (Mine No. 1137)

Mine Office: Champion.

Overman: M. Popovich.

Mine Surveyor: A. B. Cook.

Location of Mine: L.S. 2, Sec. 4, Tp. 16, Rge. 23, W. 4th Mer.

Area: 40 acres.

Character of Coal: Domestic.

Thickness of Seam: 4 feet, 6 inches.

Thickness of Cover: 40 feet.

A slope has been sunk to the coal and a tippie erected.

Mrs. R. E. Armstrong & E. Corkish (Mine No. 1139)

Mine Office: Lomond.

Overman: M. Armstrong.

Location of Mine: L.S. 1, Sec. 33, Tp. 15, Rge. 21, W. 4th Mer.

Area: 20 acres.

Character of Coal: Domestic.

Thickness of Seam: 3 feet, 6 inches.

Thickness of Cover: 75 to 100 feet.

The mine is entered by means of drifts driven in from the outcrop.

Herbert Rhodes (Mine No. 1141)

Mine Office: Champion.

Overman: H. Rhodes.

Location of Mine: L.S. 2, Sec. 28, Tp. 15, Rge. 21, W. 4th Mer.

Area: 40 acres.

Character of Coal: Domestic.

Thickness of Seam: 3 feet, 4 inches.

Thickness of Cover: 100 feet.

George W. Barwell (Mine No. 1182)

Mine Office: Champion.

Overman: G. W. Barwell.

Location of Mine: L.S. 13, Sec. 9, Tp. 16, Rge. 21, W. 4th Mer.

HIGH RIVER DISTRICT—DISTRICT NO. 10

A. D. McPherson (Mine No. 30)

Mine Office: Black Diamond.
Overman: A. Ruffell.
Mine Surveyor: G. L. Kidd.
Location of Mine: L.S. 13, Sec. 8, Tp. 20, Rge. 2, W. 5th Mer.
Area: 240 acres. Character of Coal: Sub-Bituminous.
Thickness of Seam: 8 feet.

L. F. Rathbun (Mine No. 70)

Mine Office: Longview.
Location of Mine: L.S. 5, Sec. 9, Tp. 18, Rge. 2, W. 5th Mer.
This mine was closed on March 28, 1924, and has not been operated since that date.

Edward Little (Mine No. 858)

Mine Office: Longview.
Overman: J. W. Little.
Location of Mine: L.S. 1, Sec. 9, Tp. 18, Rge. 2, W. 5th Mer.
Area: 40 acres. Character of Coal: Sub-Bituminous.
The seam has a thickness of 10 feet pitching 80 degrees, the mine is entered by drifts driven in from the outcrop in the banks of the coulee.

D. B. Blacklock (Mine No. 924)

Mine Office: Longview.
Overman: D. B. Blacklock.
Mine Surveyor: G. L. Kidd.
Location of Mine: L.S. 14, Sec. 8, Tp. 18, Rge. 2, W. 5th Mer.
Area: 40 acres. Character of Coal: Sub-Bituminous.
Thickness of Seam: 7 feet.
The seam dips on a pitch of 25 degrees and the mine is entered by the means of a slope driven down in the coal.

Francis DuRocher (Mine No. 1004)

Mine Office: Longview.
Overman: F. DuRocher.
Mine Surveyor: G. L. Kidd.
Location of Mine: L.S. 3, Sec. 8, Tp. 18, Rge. 2, W. 5th Mer.
Area: 20 acres. Character of Coal: Sub-Bituminous.
Thickness of Seam: 20 to 25 feet.
The seam is almost vertical.

Ernest Skeen (Mine No. 1061)

Mine Office: Nanton.
Overman: E. Skeen.
Location of Mine: S.E. $\frac{1}{4}$, Sec. 35, Tp. 14, Rge. 4, W. 5th Mer.
Area: 160 acres. Character of Coal: Sub-Bituminous.
Thickness of Seam: 15 feet.
The seam pitches at 45 degrees, the mine being entered by entries driven from the outcrop on the strike of the seam. All the output is used by oil well drillers who are drilling in the vicinity of the mine.

William Kummer (Mine No. 1155)

Mine Office: Longview.

Overman: W. Kummer.

Location of Mine: L.S. 9, Sec. 8, Tp. 18, Rge. 2, W. 5th Mer.

Area: 20 acres.

Character of Coal: Sub-Bituminous.

A rock tunnel is being driven across the measures from the river bank to strike the coal seam. The seam has not yet been reached.

Philip Berkovich (Mine No. 1188)

Mine Office: Black Diamond.

Overman: P. Berkovich.

Location of Mine: L.S. 15, Sec. 21, Tp. 19, Rge. 2, W. 5th Mer.

Area: 20 acres.

Character of Coal: Sub-Bituminous.

CALGARY DISTRICT—DISTRICT NO. 11

McDonald, Dunn & McCallum (Mine No. 361)

Mine Office: Priddis.

Manager: Hector McDonald.

Location of Mine: N.W. $\frac{1}{4}$, Sec. 7, Tp. 22, Rge. 3, W. 5th Mer.

Area: 160 acres.

Character of Coal: Sub-Bituminous.

Thickness of Seam: 5 feet.

This mine is entered by means of a slope.

H. Simpson (Mine No. 1142)

Mine Office: Priddis.

Location of Mine: L.S. 11, Sec. 27, Tp. 22, Rge. 4, W. 5th Mer.

Prospecting work only was done at this mine.

William McGlashing (Mine No. 1158)

Mine Office: Cochrane.

Overman: W. W. McGlashing.

Location of Mine: L.S. 7, Sec. 6, Tp. 26, Rge. 4, W. 5th Mer.

Area: 40 acres.

Character of Coal: Sub-Bituminous.

Thickness of Seam: 5 feet.

Thickness of Cover: 60 feet.

This mine is entered by means of a slope.

Sunheat Coal Company (Mine No. 1170)

Mine Office: Priddis.

Location of Mine: Sec. 33, Tp. 22, Rge. 3, W. 5th Mer.

Character of Coal: Sub-Bituminous.

William Oldham (Mine No. 1187)

Mine Office: Bragg Creek.

Overman: R. G. Jaquish.

Location of Mine: Sec. 28, Tp. 22, Rge. 4, W. 5th Mer.

Area: 20 acres.

Character of Coal: Sub-Bituminous.

CANMORE DISTRICT—DISTRICT NO. 12

Canmore Coal Company Limited (Mine No. 2)

Mine Office: Canmore.
 Head Office: Minersville, Pa., U.S.A.
 Authorized Capital: \$50,000.00.
 President: James B. Neale.
 Secretary: James Collins.
 Directors: James B. Neale, S. B. Thorne, J. G. Thorp, Dr. Hayes, B. F. Crane, A. Stewart.
 Operating Officer: M. B. Morrow.
 Manager: Wm. Musgrove.
 Overmen: Stewart Seam, Wm. G. Wilson; Carey Seam, James Hill.
 Examiners: C. W. Fowers, P. M. Ramsay, Charles Briggs, P. Hutchinson, M. Warren, J. Wardrup, James Reid, R. Kerr, W. Lytkowski, T. Rapples, W. Monkton.
 Mine Surveyor: C. S. Dewis.
 Master Mechanic: H. W. Evans.
 Location of Mine: Sec. 29, Tp. 24, Rge. 10, W. 5th Mer.
 Area: 7,000 acres. Character of Coal: Bituminous.

Grainger Collieries Limited (Mine No. 1149)

Mine Office: Gap Siding.
 President: Wm. McCardle.
 Overman: Albert E. Grainger.
 Location of Mine: Sec. 11, Tp. 24, Rge. 10, W. 5th Mer.
 Area: 640 acres. Character of Coal: Bituminous.
 Prospecting work only has been done at this location.

GLEICHEN DISTRICT—DISTRICT NO. 14

Blackfoot Indians (Mine No. 72)

This mine is operated on the Blackfoot Reserve by the Indians, the entire output being disposed of locally. This Reserve is south of Gleichen.

Dominic Medloski (Mine No. 299)

Mine Office: Rosebud.
 Overman: D. Medloski.
 Mine Surveyor: G. L. Kidd.
 Location of Mine: L.S. 13, Sec. 20, Tp. 26, Rge. 21, W. 4th Mer.
 Area: 160 acres. Character of Coal: Domestic.
 Thickness of Seam: 3 feet, 3 inches. Thickness of Cover: 50 feet.

Hans Castello (Mine No. 360)

Mine Office: Standard.
 Overman: J. Scott.
 Mine Surveyor: G. L. Kidd.
 Location of Mine: L.S. 13, Sec. 2, Tp. 25, Rge. 22, W. 4th Mer.
 Area: 160 acres. Character of Coal: Domestic.
 Thickness of Seam: 3 feet, 9 inches. Thickness of Cover: 50 feet.

James Edward Perry (Mine No. 764)

Mine Office: Beynon.
 Overman: J. E. Perry.
 Mine Surveyor: G. L. Kidd.
 Location of Mine: L.S. 2, Sec. 6, Tp. 28, Rge. 20, W. 4th Mer.
 Area: 40 acres. Character of Coal: Domestic.
 Thickness of Seam: 3 feet, 9 inches. Thickness of Cover: 75 feet.

Alexander Johnson (Mine No. 782)

Mine Office: Beynon.
Overman: A. Johnson.
Mine Surveyor: G. L. Kidd.
Location of Mine: L.S. 14, Sec. 31, Tp. 27, Rge. 20, W. 4th Mer.
Area: 40 acres. Character of Coal: Domestic.
Thickness of Seam: 4 feet, 9 inches. Thickness of Cover: 80 feet.

J. L. & Joe Debrinski (Mine No. 815)

Mine Office: Rosebud.
Overman: Joe Debrinski.
Mine Surveyor: G. L. Kidd.
Location of Mine: L.S. 13, Sec. 33, Tp. 27, Rge. 21, W. 4th Mer.
Area: 40 acres. Character of Coal: Domestic.
Thickness of Seam: 4 feet. Thickness of Cover: 30 feet.

Walker & Lee (Mine No. 857)

Mine Office: Standard.
Overman: C. C. Walker.
Mine Surveyor: G. L. Kidd.
Location of Mine: L.S. 5, Sec. 11, Tp. 25, Rge. 22, W. 4th Mer.
Area: 160 acres. Character of Coal: Domestic.
Thickness of Seam: 3 feet, 9 inches. Thickness of Cover: 80 feet.

Stahl & Wurz (Mine No. 906)

Mine Office: Rockyford.
Overman: Pete Andronyk.
Mine Surveyor: G. L. Kidd.
Location of Mine: L.S. 14, Sec. 23, Tp. 27, Rge. 23, W. 4th Mer.
Area: 160 acres. Character of Coal: Domestic.
Thickness of Seam: 6 feet. Thickness of Cover: 70 feet.
This mine is entered by means of shafts.

*J. A. Rouse (Mine No. 1017)
(Stripping Pit)*

Mine Office: Beynon.
Mine Surveyor: G. L. Kidd.
Location of Mine: S.W. $\frac{1}{4}$, Sec. 6, Tp. 28, Rge. 20, W. 4th Mer.
Area: 160 acres. Character of Coal: Domestic.
Thickness of Seam: 3 feet, 6 inches. Thickness of Cover: 4 to 80 feet.

J. C. Howe (Mine No. 1103)

Mine Office: Cluny.
Location of Mine: S.E. $\frac{1}{4}$, Sec. 7, Tp. 22, Rge. 21, W. 4th Mer.
This mine is abandoned.

W. W. Morrill (Mine No. 1117)

Mine Office: Beynon.
Location of Mine: S.W. $\frac{1}{4}$, Sec. 6, Tp. 28, Rge. 20, W. 4th Mer.
This mine is abandoned.

DRUMHELLER DISTRICT—DISTRICT NO. 15

Newcastle Coal Company Limited (Mine No. 317)

Mine and Head Office: Drumheller.
 Authorized Capital: \$250,000.00.
 President: Jesse Gouge.
 Vice-President: Wilson Gouge.
 Secretary: G. M. Coyle.
 Directors: Jesse Gouge, G. M. Coyle, W. Gouge.
 Manager & Mine Surveyor: D. A. Macaulay.
 Overman: John Conlin.
 Examiners: John Eno and R. Young.
 Location of Mine: S.E. $\frac{1}{4}$, Sec. 9, Tp. 29, Rge. 20, W. 4th Mer.
 Area: 400 acres. Character of Coal: Domestic.
 There were no improvements made during the year.

Midland Collieries Limited (Mine No. 367)

(Operated by the Eastern Trust Co. in trust for the Bondholders.)

Mine Office: Midlandvale.
 Authorized Capital: \$300,000.00.
 General Manager: T. G. Jeal.
 Manager and Mine Surveyor: A. G. Macaulay.
 Overman: James Sinclair.
 Examiners: G. Clark, W. Marsh, A. Wilson, M. Morrison.
 Location of Mine: L.S. 10, Sec. 9, Tp. 29, Rge. 20, W. 4th Mer.
 Area: 1,240 acres. Character of Coal: Domestic.
 The following improvements and additions have been made to the mine during the year:
 Installed one Sullivan electrically operated coal cutting machine of the chain type; also one 20 h.p. and two 2 h.p. electrically operated pumps underground.

Joseph D. Thomas Coal Company (Mine No. 402)

Mine Office: Nacmine.
 Manager and Surveyor: N. Howells.
 Overman: N. Howells.
 Examiners: T. Coxson, J. Davies, J. Cotterell.
 Location of Mine: On R.A. on east side of Sec. 7, Tp. 29, Rge. 20, W. 4th Mer.
 Area: 3,500 acres. Character of Coal: Domestic.
 The following improvements and additions have been made to the plant and mine:
 A second electrically operated coal cutting machine of the chain type has been put into operation, electrical power is purchased from the Mines Power Plant at Drumheller.

Burton Thomas Brooks (Mine No. 464)

Mine Office: Drumheller.
 Overman: B. T. Brooks.
 Mine Surveyor: G. L. Kidd.
 Location of Mine: L.S. 4, Sec. 23, Tp. 29, Rge. 20, W. 4th Mer.
 Area: 100 acres. Character of Coal: Domestic.
 The following improvements and additions have been made to the plant and mine:
 An air compressor has been installed having 700 cubic feet capacity and one radial coal cutting machine of the post type operated by compressed air.

Alberta Block Coal Company Limited (Mine No. 620)

Mine Office: Drumheller.
 Authorized Capital: \$200,000.00.
 President: G. M. Coyle.
 Vice-President: Wilson Gouge.
 Secretary: Jesse Gouge.

Directors: Jesse Gouge, G. M. Coyle, W. Gouge.
 Manager and Mine Surveyor: D. A. Macauley.
 Overman: T. E. Moore.
 Examiners: C. Chapman, A. C. Briggs, W. Briggs.
 Location of Mine: N.W. $\frac{1}{4}$, Sec. 3, Tp. 29, Rge. 20, W. 4th Mer.
 Area: 300 acres. Character of Coal: Domestic.
 There were no improvements during the year.

Western Gem Coal Company Limited (Mine No. 678)

Mine Office: Drumheller.
 Authorized Capital: \$750,000.00.
 President: W. S. Henderson.
 Directors: Dr. D. P. Robertson, J. A. Henderson, D. D. Christie, D. S. Robertson, W. A. Gamble.
 Manager and Mine Surveyor: A. G. Macauley.
 Overman: J. H. Marsh.
 Examiners: A. Wolff, A. Taylor.
 Location of Mine: L.S. 13, Sec. 10, Tp. 29, Rge. 20, W. 4th Mer.
 Area: 1,320 acres. Character of Coal: Domestic.
 The use of the coal conveyors has been discontinued, also the operation by the Longwall system of mining.

Atlas Coal Company Limited (Mine No. 684)

Mine Office: Drumheller.
 Authorized Capital: \$50,000.00.
 President: J. Holden.
 Vice-President: Omar H. Patrick.
 Secretary-Treasurer: James McCulloch.
 Manager: J. Holden.
 Overman: J. McCulloch.
 Examiners: A. Poole, P. Jones, G. McLellan.
 Mine Surveyor: G. L. Kidd.
 Location of Mine: L.S. 2, Sec. 10, Tp. 29, Rge. 20, W. 4th Mer.
 Area: 120 acres. Character of Coal: Domestic.
 Owner of Property: Drumheller Land Co. Ltd.
 The original slope was sunk to the No. 1 seam which was found to have a thickness of 6 feet, 6 inches, some development was continued in the seam but this has been discontinued, all work at present being confined to the upper or No. 5 seam.

Caledonian Collieries Limited (Mine No. 695)

Mine Office: Drumheller.
 Authorized Capital: \$20,000.00.
 Manager and Overman: Wm. Jordon.
 Examiners: P. Gilmour, P. Carl.
 Mine Surveyors: G. L. Kidd.
 Location of Mine: L.S. 5, Sec. 10, Tp. 29, Rge. 20, W. 4th Mer.
 Area: 240 acres. Character of Coal: Domestic.
 There were no improvements during the year.

Hy-Grade Coal Company of Drumheller Limited (Mine No. 776)

Mine Office: Drumheller.
 Authorized Capital: \$300,000.00.
 President: H. C. McConkey.
 Vice-President: J. J. Best.
 Managing Director: H. C. McConkey.
 Directors: D. G. Adams, T. P. Dunn.
 Manager and Mine Surveyor: Harry Crowder.
 Examiners: T. G. Gordon, R. Barclay.
 Location of Mine: L.S. 4, Sec. 11, Tp. 29, Rge. 20, W. 4th Mer.
 Area: 200 acres. Character of Coal: Domestic.
 Owner of Property: Drumheller Land Company Limited.
 Considerable diamond drilling has been done on this property for the purpose of proving the continuation of the No. 1 seam.

Newcastle Junior Mining Company Limited (Mine No. 816)

Mine Office: Drumheller.
 Paid up Capital: \$290,816.00.
 President: D. A. Macaulay.
 Vice-President: W. Gouge.
 Directors: D. A. Macaulay, W. Gouge, J. G. Gouge.
 Secretary: J. G. Dewar.
 Manager and Mine Surveyor: D. A. Macaulay.
 Overman: P. J. Murphy.
 Examiners: P. Miller, W. Evans.
 Location of Mine: L.S. 9, Sec. 3, Tp. 29, Rge. 20, W. 4th Mer.
 Area: 200 acres. Character of Coal: Domestic.
 There were no improvements during the year.

Elgin Coal Company Limited (Mine No. 819)

Mine Office: Drumheller.
 Authorized Capital: \$50,000.00.
 President: Wm. McVeigh.
 Vice-President and Secretary: H. K. Reid.
 Manager: J. D. Thomas.
 Overman: J. Fyvie.
 Examiner: D. McAskill.
 Mine Surveyor: G. L. Kidd.
 Location of Mine: L.S. 14, Sec. 2, Tp. 29, Rge. 20, W. 4th Mer.
 Area: 235 acres. Character of Coal: Domestic.
 There were no improvements during the year.

Mid-West Collieries Limited (Mine No. 848)

Mine Office: Drumheller.
 Authorized Capital: \$250,000.00.
 Secretary-Treasurer: J. K. Vallance.
 General Manager: G. G. Norstrandt.
 Manager and Overman: Bernard Nugent.
 Mine Surveyor: H. Crowder.
 Examiners: J. McDade, Joe Hilary, J. Hall.
 Location of Mine: L.S. 7, Sec. 2, Tp. 29, Rge. 20, W. 4th Mer.
 Area: 400 acres. Character of Coal: Domestic.
 There were no improvements during the year.

Gibson Collieries Limited (Mine No. 898)

Mine Office: Drumheller.
 Authorized Capital: \$250,000.00.
 President: A. H. Gibson.
 Secretary: H. C. McConkey.
 Overman: J. Watkins.
 Examiners: E. Richards, C. Brown.
 Mine Surveyor: G. L. Kidd.
 Location of Mine: L.S. 6, Sec. 2, Tp. 29, Rge. 20, W. 4th Mer.
 Area: 1,400 acres. Character of Coal: Domestic.
 This mine is in liquidation and not at present in operation.

James I. Bowie (Mine No. 918)
(Formerly Unity Colls., Ltd.)

Mine Office: Kilpatrick.
 Location of Mine: L.S. 5, Sec. 14, Tp. 29, Rge. 21, W. 4th Mer.
 This mine is abandoned.

William Watson (Mine No. 1008)

Mine Office: Drumheller.
 Manager and Overman: Wm. Watson.
 Mine Surveyor: G. L. Kidd.
 Location of Mine: L.S. 15, Sec. 11, Tp. 29, Rge. 20, W. 4th Mer.
 Area: 80 acres. Character of Coal: Domestic.
 There were no improvements during the year.

Craig's Coal Company Limited (Mine No. 1115)

Mine Office: Drumheller.
 Overman: James Saunt.
 Mine Surveyor: G. L. Kidd.
 Location of Mine: L.S. 15, Sec. 2, Tp. 29, Rge. 20, W. 4th Mer.
 Area: 80 acres. Character of Coal: Domestic.
 The following improvements and additions have been made to the plant and mine
 An electrically operated Sirocco fan having a capacity of 25,000 cubic feet per minute, also an electrically operated coal cutting machine of the chain type have been installed, power being purchased from the Mines Power Company Limited of Drumheller.

George Snarey (Mine No. 1146)

Mine Office: Munson.
 Overman: G. Snarey.
 Mine Surveyor: G. L. Kidd.
 Location of Mine: L.S. 9, Sec. 22, Tp. 29, Rge. 20, W. 4th Mer.
 Area: 40 acres. Character of Coal: Domestic.
 Thickness of Seam: 5 feet. Thickness of Cover: 100 feet.

Fred McLellan (Mine No. 1156)

Mine Office: Verdant Valley.
 Overman: F. McLellan.
 Mine Surveyor: G. L. Kidd.
 Location of Mine: L.S. 14, Sec. 14, Tp. 29, Rge. 19, W. 4th Mer.
 Area: 40 acres. Character of Coal: Domestic.
 Thickness of Seam: 5 feet, 6 inches. Thickness of Cover: 150 feet.
 This mine is at present closed.

ROSEDALE DISTRICT--DISTRICT NO. 16

Rosedale Coal Company Limited (Mine No. 346)

Mine Office: Rosedale.
 Head Office: 43 Vittoria St., Toronto.
 Authorized Capital: \$1,500,000.00.
 President: R. G. Thompson.
 Vice-President: W. C. Robertson.
 Secretary: H. S. Gaushy.
 Manager and Mine Surveyor: T. O'Donnell.
 Overman: W. Barclay.
 Location of Mine: L.S. 14, Sec. 28, Tp. 28, Rge. 19, W. 4th Mer.
 Area: 14,000 acres. Character of Coal: Domestic.

No. 1 Mine

Examiners: A. Rappel, L. Barringham.
 This mine is operating in the No. 1 seam and is entered by means of a shaft.

No. 2 Mine

Examiner: J. Sewell.

This mine is operating in the No. 5 seam and is entered by means of drifts. The coal from both mines passes through the same tippie which is located at No. 1 shaft, a surface incline plane 800 feet in length being used to convey the coal from No. 2 to the tippie.

Great West Coal Company Limited (Mine No. 436)

Mine Office: Aerial.

Head Office: Brandon, Manitoba.

Authorized Capital: \$50,000.00.

President: J. R. Brodie.

Vice-President: G. G. Gibson.

Directors: J. R. Brodie, G. G. Gibson, Mabel Brodie.

Secretary-Treasurer: G. G. Gibson.

Manager and Mine Surveyor: J. D. Thomas.

Overman: D. Picton.

Examiner: J. Molyneux.

Location of Mine: L.S. 7, Sec. 28, Tp. 28, Rge. 19, W. 4th Mer.

Area: 240 acres.

Character of Coal: Domestic.

There were no improvements during the year.

J. N. Murray (Mine No. 675)

Mine Office: Willow Creek.

Head Office: Drumheller.

Overman: John N. Murray.

Mine Surveyor: G. L. Kidd.

Location of Mine: L.S. 12, Sec. 28, Tp. 27, Rge. 18, W. 4th Mer.

Area: 300 acres.

Character of Coal: Domestic.

Thickness of seam: 7 feet, 3 inches.

Thickness of Cover: 250 feet.

There were no improvements during the year.

Rosemont Coal Company Limited (Mine No. 734)

Mine Office: Rosedale Station.

Overman: J. R. Miller.

Mine Surveyor: G. L. Kidd.

Location of Mine: L.S. 11, Sec. 21 Tp. 28, Rge. 19, W. 4th Mer.

Area: 160 acres.

Character of Coal: Domestic.

Thickness of Seam: 6 feet.

Thickness of Cover: 25 to 60 feet

There were no improvements during the year.

Moonlight Coal Company Limited (Mine No. 766)

Mine Office: Aerial.

Overman: J. Berlanda.

Mine Surveyor: G. L. Kidd.

Authorized Capital: \$25,000.00.

Location of Mine: L.S. 16, Sec. 16, Tp. 28, Rge. 19, W. 4th Mer.

Area: 40 acres.

Character of Coal: Domestic.

This mine operated during the month of January only and is at present closed.

Partridge Coal Company (Mine No. 770)

Mine Office: Rosedale Station.

Overman: A. Meyers.

Mine Surveyor: G. L. Kidd.

Location of Mine: L.S. 10, Sec. 20, Tp. 28, Rge. 19, W. 4th Mer.

Area: 40 acres.

Character of Coal: Domestic.

Thickness of Seam: 5 feet, 6 inches.

Thickness of Cover: 300 feet.

There were no improvements during the year.

Robert Taylor (Mine No. 931)

Mine Office: Rosedale.
 Overman: R. Taylor.
 Mine Surveyor: B. L. Thorne.
 Location of Mine: L.S. 10, Sec. 20, Tp. 27 Rge. 18, W. 4th Mer.
 Area: 160 acres. Character of Coal: Domestic.
 Thickness of Seam: 7 feet. Thickness of Cover: 300 feet.

Ray Shepler (Mine No. 1076)

Mine Office: Rosedale Station.
 Location of Mine: L.S. 5, Sec. 7, Tp. 28, Rge. 18, W. 4th Mer.
 Area: 240 acres. Character of Coal: Domestic.
 This mine has not been operated during the year and is now abandoned.

John A. McInnis (Mine No. 1081)

Mine Office: Rosedale.
 Location of Mine: S.E. ¼, Sec. 1, Tp. 28, Rge. 19, W. 4th Mer.
 This mine has been abandoned.

Arcadia Coal Company Limited (Mine No. 1089)

Mine Office: Willow Creek.
 Location of Mine: E. ½, Sec. 27, Tp. 27, Rge. 18, W. 4th Mer.
 This mine is abandoned.

WAYNE DISTRICT—DISTRICT NO. 17

Rosedeer Coal Mining Company Limited (Mine No. 347)

Mine Office: Wayne.
 Head Office: 229 8th Ave. W., Calgary.
 Authorized Capital: \$1,000,000.00.
 President: Alex. Smith.
 Secretary-Treasurer: L. A. Tupper.
 Manager and Mine Surveyor: P. Allen.
 Overman: W. Allen.
 Examiners: W. Fyfe, J. Duggan, A. Allen.
 Location of Mine: L.S. 13, Sec. 7, Tp. 28, Rge. 19, W. 4th Mer.
 Area: 6,000 acres. Character of Coal: Domestic.
 There were no improvements during the year.

Western Commercial Company Limited (Mine No. 640)

Mine Office: Wayne.
 Authorized Capital: \$1,500,000.00.
 Directors: P. Laurendeau, R. Besse, W. Law, C. C. Whyte.
 Manager and Mine Surveyor: H. R. Brown.
 Overman: D. Roberts.
 Examiners: L. Roberts, T. Richards.
 Location of Mine: L.S. 1, Sec. 7, Tp. 28, Rge. 19, W. 4th Mer.
 Area: 300 acres. Character of Coal: Domestic.
 There were no improvements during the year.

Jewell Collieries Limited Mine No. 643)

Mine Office: Wayne.
 Head Office: 227 Eighth Avenue West, Calgary.
 Authorized Capital: \$250,000.00.
 President: W. S. Henderson.
 Directors: W. S. Henderson, W. S. Taylor.
 Manager and Overman: A. D'Altroy.

Mine Surveyor: C. Cook.
 Examiner: J. C. Scarpino.
 Location of Mine: L.S. 6, Sec. 7, Tp. 28, Rge. 19, W. 4th Mer.
 Area: 485 acres. Character of Coal: Domestic.
 There were no improvements during the year.

Standard Coal Company Limited (Mine No. 697)

Mine Office: Wayne.
 Location of Mine: L.S. 7, Sec. 18, Tp. 28, Rge. 19, W. 4th Mer.
 This mine is abandoned.

Excelsior Collieries Limited (Mine No. 703)

Mine Office: Wayne.
 Head Office: Eleventh Street and Eleventh Avenue West, Calgary.
 President: S. Burnand.
 Authorized Capital: \$50,000.00.
 Secretary-Treasurer: Fred Naylor.
 Directors: S. Burnand, J. Blair, Dr. Graham, E. H. Crandell.
 Manager and Overman: J. Blair.
 Mine Surveyor: G. L. Kidd.
 Location of Mine: L.S. 3, Sec. 7, Tp. 28, Rge. 19, W. 4th Mer.
 Area: 300 acres. Character of Coal: Domestic.
 There were no improvements during the year.

S. Stucco & Company (Mine No. 737)
(Formerly Sunshine Coal Company Limited)

No. 2 Mine

Mine Office: Wayne.
 Authorized Capital: \$50,000.00.
 President: Santo Stucco.
 Overman: J. Sandino.
 Mine Surveyor: G. L. Kidd.
 Location of Mine: L.S. 2, Sec. 19, Tp. 28, Rge. 19, W. 4th Mer.
 Area: 100 acres. Character of Coal: Domestic.
 The No. 1 mine has been abandoned, and the present operations are in No. 2 mine located on the west side of the railway track, the coal being hauled from it by team and loaded in railroad cars on the old siding.
 The new mine is entered by drifts driven in on the coal from the side of the cut bank.

Ideal Coal Company Limited (Mine No. 844)

Mine Office: Wayne.
 Authorized Capital: \$150,000.00.
 President and Manager: T. M. McGuckie.
 Secretary-Treasurer: W. A. Ross.
 Overman: J. Redpath.
 Examiner: R. Taylor.
 Mine Surveyor: G. L. Kidd.
 Location of Mine: L.S. 16, Sec. 1, Tp. 28, Rge. 20, W. 4th Mer.
 Area: 350 acres. Character of Coal: Domestic.
 Thickness of Seam: 8 feet. Thickness of Cover: 50 to 350 feet.
 This mine is entered by slopes driven in from the north bank of Rosebud Creek.
 The coal is mined in the clay and bone band about two feet above the floor by an electrically operated coal cutting machine of the Sullivan centre band iron clad type.

Capital Collieries Limited (Mine No. 974)

Mine Office: Wayne.
 Authorized Capital: \$20,000.00.
 Overman: J. K. Miller.
 Mine Surveyor: G. L. Kidd.
 Location of Mine: L.S. 9, Sec. 19, Tp. 28, Rge. 19, W. 4th Mer.
 Area: 160 acres. Character of Coal: Domestic.
 There were no improvements during the year.

John K. Miller (Mine No. 1147)

Mine Office: Wayne.
 Overman: J. K. Miller.
 Mine Surveyor: G. L. Kidd.
 Location of Mine: L.S. 11, Sec. 35, Tp. 27, Rge. 20, W. 4th Mer.
 Area: 640 acres. Character of Coal: Domestic.
 A prospect shaft 6 feet, 6 inches by 6 feet, 6 inches, has been sunk to a seam
 5 feet, 10 inches in thickness at a depth of 77 feet. This mine is at present closed.

Redglow Coal Company (Mine No. 1154)

Mine Office: Wayne.
 Overman: James Watkins.
 Mine Surveyor: G. L. Kidd.
 Area: 640 acres. Character of Coal: Domestic.
 Location of Mine: S.E. $\frac{1}{4}$, Sec. 2, Tp. 28, Rge. 20, W. 4th Mer.
 A prospect shaft 6 feet by 6 feet has been sunk to a depth of 85 feet, locating
 No. 1 seam which is 5 feet, 8 inches in thickness. This mine is at present closed.

BIG VALLEY DISTRICT—DISTRICT NO. 18

Big Valley Collieries Limited (Mine No. 364)

Mine Office: Big Valley.
 Authorized Capital: \$50,000.00.
 President: John Gillespie.
 Secretary-Treasurer: F. T. Aitken.
 Overman: E. Roberts.
 Mine Surveyor: D. Jones.
 Examiner: A. McGregor.
 Location of Mine: N.W. $\frac{1}{4}$, Sec. 1, Tp. 36, Rge. 20, W. 4th Mer.
 Area: 1,300 acres. Character of Coal: Domestic.
 There were no improvements during the year.

Clyde M. Wooden (Mine No. 471)

Mine Office: Rumsey.
 Overman: C. M. Wooden.
 Mine Surveyor: D. Jones.
 Location of Mine: L.S. 15, Sec. 18, Tp. 34, Rge. 21, W. 4th Mer.
 Area: 40 acres. Character of Coal: Domestic.
 Thickness of Seam: 5 feet. Thickness of Cover: 160 feet.

Henry Sward (Mine No. 690)

Mine Office: Rowley.
 Overman: H. Sward.
 Mine Surveyor: A. B. Cook.
 Location of Mine: L.S. 4, Sec. 13, Tp. 32, Rge. 21, W. 4th Mer.
 Area: 40 acres. Character of Coal: Domestic.
 Thickness of Seam: 5 feet. Thickness of Cover: 110 feet.

Joseph Hodgson (Mine No. 694)

Mine Office: Rowley.
Overman: J. Hodgson.
Mine Surveyor: D. Jones.
Location of Mine: L.S. 13, Sec. 12, Tp. 32, Rge. 21, W. 4th Mer.
Area: 40 acres.
Thickness of Seam: 5 feet.
Character of Coal: Domestic.
Thickness of Cover: 110 feet.

Vimy Coal, Light & Power Company Limited (Mine No. 864)

Mine Office: Big Valley.
Authorized Capital: \$25,000.00.
President: E. L. Pavier.
Secretary-Treasurer: J. T. Smythe, M.D.
Manager and Overman: E. L. Pavier.
Mine Surveyor: D. Jones.
Location of Mine: L.S. 16, Sec. 26, Tp. 35, Rge. 20, W. 4th Mer.
Area: 250 acres.
Character of Coal: Domestic.
The following improvements and additions have been made to the mine and plant:
An air compressor having a capacity of 700 cubic feet of free air per minute has been installed; also a coal cutting machine of the Rand radial post type.

John Prescott (Mine No. 920)

Mine Office: Scollard.
Overman: W. Turner.
Mine Surveyor: D. Jones.
Location of Mine: L.S. 9, Sec. 34, Tp. 34, Rge. 21, W. 4th Mer.
Area: 40 acres.
Character of Coal: Domestic.

Big Ton Coal & By-product Company Limited (Mine No. 1021)

Mine Office: Big Valley.
Head Office: 406 P. Burns Building, Calgary.
Authorized Capital: \$100,000.00.
Overman: J. Brown.
Mine Surveyor: D. Jones.
Location of Mine: N.W. $\frac{1}{4}$, Sec. 26, Tp. 35, Rge. 20, W. 4th Mer.
Area: 160 acres.
Character of Coal: Domestic.

Clyde B. McCall (Mine No. 1029)

Mine Office: Rumsey.
Location of Mine: L.S. 12, Sec. 7, Tp. 34, Rge. 21, W. 4th Mer.
This mine is abandoned.

Andrew Kallevig (Mine No. 1093)

Mine Office: Morrin.
Location of Mine: L.S. 12, Sec. 22, Tp. 31, Rge. 21, W. 4th Mer.
Character of Coal: Domestic.
This mine was operated as a stripping pit and is now abandoned.

W. R. Cook & A. Stauffer (Mine No. 1094)

Mine Office: Morrin.
Location of Mine: L.S. 1, Sec. 28, Tp. 31, Rge. 21, W. 4th Mer.
Character of Coal: Domestic.
This mine was operated as a stripping pit, and is now abandoned.

SAUNDERS DISTRICT—DISTRICT NO. 19

Big Horn & Saunders Creek Collieries Limited (Mine No. 388)

Mine Office: Saunders, Alberta.
 Head Office: Blairmore, Alberta.
 Authorized Capital: \$300,000.00.
 President: Jules Charbonnier, Blairmore.
 Vice-President: Raoul Green.
 Treasurer: A. R. Grainger.
 Secretary: Geo. Grassowski, Saunders.
 Manager: Owen Morgan.
 Overman and Mine Surveyor: A. E. Williams.
 Examiner: H. Morley.
 Location of Mine: N.E. $\frac{1}{4}$, Sec. 24, Tp. 40, Rge. 13, W. 5th Mer.
 Area: 2,561 acres. Character of Coal: Sub-Bituminous

A bunker has been built with a shaker screen for nut and pea slack, the coal is taken to the top of bunker from track level by a bucket elevator.

Acorn Coal Company Limited (Mine No. 756)

Mine Office: West Saunders, Alberta.
 Head Office: Calgary, Alberta.
 Overman: Chas. Chestnut.
 Mine Surveyor: L. C. Stevens.
 Location of Mine: L.S. 16, Sec. 23, Tp. 40, Rge. 13, W. 5th Mer.
 Area: 600 acres. Character of Coal: Sub-Bituminous.

Harlech Coal Company Limited (Mine No. 823)

Mine Office: Harlech.
 Head Office: Lancaster Building, Calgary.
 Authorized Capital: \$500,000.00.
 President: Martin Nordegg.
 Treasurer: Stuart Kidd.
 Secretary: E. M. Anderson.
 Directors: M. Nordegg, S. Kidd, Col. Roberts, J. McFarlane, C. Bernhard.
 Location of Mine: Sec. 10, Tp. 41, Rge. 14, W. 5th Mer.
 Character of Coal: Sub-Bituminous.
 This mine is abandoned.

Alexo Coal Company Limited (Mine No. 852)

Mine Office: Alexo.
 Head Office: c/o Swedish General Electric, 107 Duke St., Toronto.
 Authorized Capital: \$200,000.00.
 President: E. F. Pullen.
 Secretary: C. C. Clark.
 Directors: E. F. Pullen, C. F. Hanning, Frank Pullen, H. N. Roberts, C. C. Clark.
 Manager: Alex. Crawford.
 Examiner: J. D. Evans.
 Mine Surveyor: O. Morgan.
 Location of Mine: Sec. 27, Tp. 40, Rge. 13, W. 5th Mer.
 Area: 1,400 acres. Character of Coal: Sub-Bituminous.

Stephen Davies (Mine No. 1159)

Mine Office: Alexo P.O.
 Location of Mine: L.S. 1, Sec. 4, Tp. 41, Rge. 13, W. 5th Mer.
 Development work only is being done at this mine.

BRAZEAU DISTRICT—DISTRICT NO. 20

Brazeau Collieries Limited (Mine No. 256)

Mine Office: Nordegg.
 Head Office: 9 Toronto Street, Toronto, Ontario.
 Authorized Capital: \$4,000,000.00.
 President: R. G. Thompson.
 Vice-President: Andrew Haydon, Toronto.
 Secretary-Treasurer: H. S. Gausby, Toronto.
 General Manager: John Shanks.
 Mine Surveyor: H. D. Moore.
 Master Mechanic: James Baird.
 Location of Mine: L.S. 13, Sec. 22, Tp. 40, Rge. 15, W. 5th Mer.
 Area: 1,500 acres: Character of Coal: Bituminous.

No. 2 Mine

Manager: Jas. Stewart.
 Overman: A. McQueen.
 Examiners: R. Jones, J. Armstrong, R. White.

No. 3 Mine

Manager: D. Shanks.
 Overman: John Crawford.
 Examiners: Geo. McQueen, G. C. Yard, W. R. Kerr, L. Turner.
 There were no improvements during the year.

BROOKS DISTRICT—DISTRICT NO. 21

Kleenbirn Collieries Limited

Mine and Head Office: Eyremore.
 Authorized Capital: \$250,000.00.
 President: Jas. Balfour.
 Vice-President: W. W. Wills.
 Directors: Jas. Balfour, W. W. Wills, C. R. Westgate.
 Secretary-Treasurer and General Manager: C. R. Westgate.
 Mine Surveyor: A. B. Cook.
 Area: 5,306 acres. Character of Coal: Domestic.

Mine No. 226

Overman: P. Speager.
 Location of Mine: L.S. 13, Sec. 10, Tp. 17, Rge. 17, W. 4th Mer.
 Thickness of Seam: 4 feet, 8 inches. Thickness of Cover: 100 feet.

Mine No. 840

Overman: J. Verostek.
 Location of Mine: L.S. 4, Sec. 15, Tp. 17, Rge. 17, W. 4th Mer.
 Thickness of Seam: 4 feet, 8 inches. Thickness of Cover, 40 feet.
 A new shaft has been sunk on this property and a head frame erected.

Mine No. 1131

Location of Mine: N.E. ¼, Sec. 10, Tp. 17, Rge. 17, W. 4th Mer.
 This mine was entered by means of a drift driven in from the River bank, the mine was abandoned on February 14, 1924.

P. F. Clemens (Mine No. 460)

Mine Office: Gem via Bassano.
 Overman: P. F. Clemens.
 Mine Surveyor: J. A. H. Church.
 Location of Mine: L.S. 4, Sec. 12, Tp. 23, Rge. 15, W. 4th Mer.
 Area: 80 acres. Character of Coal: Domestic.
 Thickness of Seam: 4 feet, 6 inches. Thickness of Cover, 60 to 80 feet.
 The mine is entered by drifts from the outcrop on the banks of the Red Deer River.

T. L. Bray (Mine No. 901)

Mine Office: Hutton.
 Overman: W. G. Noble.
 Mine Surveyor: J. A. H. Church.
 Location of Mine: L.S. 15, Sec. 12, Tp. 23, Rge. 15, W. 4th Mer.
 Area: 80 acres. Character of Coal: Domestic.
 Thickness of Seam: 24 inches. Thickness of Cover: 20 to 100 feet.

George Ketchmark (Mine No. 915)

Mine Office: Eyremore.
 Overman: G. Ketchmark.
 Mine Surveyor: A. B. Cook.
 Location of Mine: L.S. 15, Sec. 14, Tp. 17, Rge. 17, W. 4th Mer.
 Area: 80 acres. Character of Coal: Domestic.
 Thickness of Seam: 3 feet, 8 inches. Thickness of Cover: 40 feet.

T. W. Kerrison (Mine No. 908)

Mine Office: Eyremore.
 Overman: T. W. Kerrison.
 Mine Surveyor: A. B. Cook.
 Location of Mine: L.S. 13, Sec. 11, Tp. 17, Rge. 17, W. 4th Mer.
 Area: 40 acres. Character of Coal: Domestic.
 Thickness of Seam: 4 feet, 8 inches. Thickness of Cover: 100 feet.
 This mine is entered by drifts driven from the banks of the South Saskatchewan River.

J. Davenport (Mine No. 1067)

Mine Office: Cluny.
 Location of Mine: S.W. $\frac{1}{4}$, Sec. 7, Tp. 22, Rge. 20, W. 4th Mer.
 Prospecting work only has been done and the mine is now abandoned.

Edward Evans (Mine No. 1111)

Mine Office: Bassano.
 Overman: E. Batie.
 Mine Surveyor: J. A. H. Church.
 Location of Mine: L. S. 14, Sec. 30, Tp. 20, Rge. 18, W. 4th Mer.
 Area: 80 acres. Character of Coal: Domestic.
 Thickness of Seam: 26 inches. Thickness of Cover: 20 feet.

HANNA DISTRICT—DISTRICT NO. 22

*Commonwealth Coal Company Limited (Mine No. 262)**(Formerly Oscar Collieries Limited)*

Mine Office: Sheerness.
 Overman: David Muir.
 Mine Surveyor: D. Jones.
 Location of Mine: L.S. 2, Sec. 19, Tp. 29, Rge. 12, W. 4th Mer.
 Area: 160 acres. Character of Coal: Domestic.
 Thickness of Seam: 9 feet. Thickness of Cover: 20 to 30 feet.

Arthur Miller (Mine No. 354)

Mine Office: Delia.
 Overman: A. Miller.
 Mine Surveyor: D. Jones.
 Location of Mine: L.S. 9, Sec. 21, Tp. 30, Rge. 17, W. 4th Mer.
 Area: 40 acres. Character of Coal: Domestic.
 Thickness of Seam: 4 feet. Thickness of Cover: 60 feet.

Allan S. Jones (Mine No. 375)

Mine Office: Garden Plain.
 Overman: George W. Scofield.
 Mine Surveyor: D. Jones.
 Location of Mine: L.S. 7, Sec. 1, Tp. 34, Rge. 14, W. 4th Mer.
 Area: 30 acres. Character of Coal: Domestic.
 Thickness of Seam: 4 feet, 7 inches. Thickness of Cover: 20 to 150 feet.

G. Brocklebank (Mine No. 415)

Mine Office: Parr.
 Mine Surveyor: D. Jones.
 Location of Mine: L.S. 4, Sec. 5, Tp. 29, Rge. 14, W. 4th Mer.
 Area: 30 acres. Character of Coal: Domestic.
 Thickness of Seam: 3 feet. Thickness of Cover: 6 feet.
 This mine was operated as a stripping pit but is now closed.

William J. Anderson (Mine No. 443)

Mine Office: Sheerness.
 Mine Surveyor: D. Jones.
 Overman: E. Atherton.
 Location of Mine: L.S. 1, Sec. 12, Tp. 29, Rge. 13, W. 4th Mer.
 Area: 160 acres. Character of Coal: Domestic.
 Thickness of Seam: 9 feet. Thickness of Cover: 15 to 32 feet.
 This mine is entered by means of a slope driven across the measures from the prairie to the coal, a portion of the mine is also being worked by stripping the surface from above the coal. The slope mine is not being operated at present, all coal being obtained from the stripping operations.

John Masciangelo (Mine No. 477)

Mine Office: Delia.
 Overman: J. L. Blondeau.
 Mine Surveyor: D. Jones.
 Location of Mine: L.S. 3, Sec. 28, Tp. 30, Rge. 17, W. 4th Mer.
 Area: 30 acres. Character of Coal: Domestic.
 Thickness of Seam: 3 feet, 9 inches. Thickness of Cover: 35 feet.

Fred Berg (Mine No. 486)

Mine Office: Hanna.
 Mine Surveyor: D. Jones.
 Location of Mine: L.S. 3, Sec. 29, Tp. 32, Rge. 13, W. 4th Mer.
 Area: 30 acres. Character of Coal: Domestic.
 Thickness of Seam: 3 feet. Thickness of Cover: 9 feet.
 This mine is operated by the stripping pit method.

Robert Unsworth (Mine No. 488)

Mine Office: Hanna.
 Overman: R. Unsworth.
 Mine Surveyor: D. Jones.
 Location of Mine: L.S. 13, Sec. 6, Tp. 33, Rge. 13, W. 4th Mer.
 Area: 30 acres. Character of Coal: Domestic.
 Thickness of Seam: 3 feet. Thickness of Cover: 25 feet.

L. C. Treber (Mine No. 491)

Mine Office: Hanna.
 Overman: L. C. Treber.
 Mine Surveyor: D. Jones.
 Location of Mine: L.S. 16, Sec. 18, Tp. 29, Rge. 14, W. 4th Mer.
 Area: 20 acres. Character of Coal: Domestic.
 Thickness of Seam: 3 feet. Thickness of Cover: 40 feet.

Alfred Donald (Mine No. 496)

Mine Office: Dowling Lake.
 Overman: A. Donald.
 Mine Surveyor: D. Jones.
 Location of Mine: L.S. 7, Sec. 3, Tp. 33, Rge. 16, W. 4th Mer.
 Area: 20 acres. Character of Coal: Domestic.
 Thickness of Seam: 4 feet, 6 inches. Thickness of Cover: 25 feet.

Alfred T. Morse (Mine No. 497)

Mine Office: Hanna.
 Overman: A. T. Morse.
 Mine Surveyor: D. Jones.
 Location of Mine: L.S. 1, Sec. 19, Tp. 29, Rge. 14, W. 4th Mer.
 Area: 20 acres. Character of Coal: Domestic.
 Thickness of Seam: 3 feet, 6 inches. Thickness of Cover: 60 feet.

Lewis Dafoe & Brothers (Mine No. 611)

Mine Office: Hanna.
 Mine Surveyor: D. Jones.
 Location of Mine: L.S. 5, Sec. 29, Tp. 32, Rge. 13, W. 4th Mer.
 Area: 20 acres. Character of Coal: Domestic.
 Thickness of Seam: 3 feet, 6 inches. Thickness of Cover: 8 feet.
 This mine is operated by the stripping pit method.

James Bradshaw (Mine No. 646)

Mine Office: Garden Plain.
 Overman: James Bradshaw.
 Mine Surveyor: D. Jones.
 Location of Mine: L.S. 1, Sec. 1, Tp. 34, Rge. 14, W. 4th Mer.
 Area: 30 acres. Character of Coal: Domestic.
 Thickness of Seam: 4 feet, 6 inches. Thickness of Cover: 30 feet.

Mrs. Mary M. Edmonson (Mine No. 725)

Mine Office: Delia.
 Overman: F. Taylor.
 Mine Surveyor: D. Jones.
 Location of Mine: L.S. 12, Sec. 24, Tp. 28, Rge. 18, W. 4th Mer.
 Area: 40 acres. Character of Coal: Domestic.
 Thickness of Seam: 4 feet. Thickness of Cover: 20 to 200 feet.

Nels F. Engstrom (Mine No. 784)

Mine Office: Rose Lynn.
 Overman: N. Engstrom.
 Mine Surveyor: D. Jones.
 Location of Mine: L.S. 1, Sec. 34, Tp. 28, Rge. 13, W. 4th Mer.
 Area: 20 acres. Character of Coal: Domestic.
 Thickness of Seam: 8 feet. Thickness of Cover: 30 feet.
 This mine is at present closed.

James Wright (Mine No. 862)

Mine Office: Garden Plain.
 Mine Surveyor: D. Jones.
 Location of Mine: S.W. $\frac{1}{4}$, Sec. 6, Tp. 34, Rge. 13, W. 4th Mer.
 Area: 20 acres. Character of Coal: Domestic.
 Thickness of Seam: 5 feet. Thickness of Cover: 10 feet.
 This mine is being operated by the stripping pit method.

George Thomas (Mine No. 907)

Mine Office: Sheerness.
Mine Surveyor: D. Jones.
Location of Mine: L.S. 16, Sec. 16, Tp. 29, Rge. 13, W. 4th Mer.
Area: 20 acres. Character of Coal: Domestic.
Thickness of Seam: 4 feet, 6 inches. Thickness of Cover: 7 feet.
This mine is being operated by the stripping pit method.

Frederick C. Peters (Mine No. 919)

Mine Office: Mecheche.
Overman: F. C. Peters.
Mine Surveyor: D. Jones.
Location of Mine: L.S. 15, Sec. 30, Tp. 29, Rge. 17, W. 4th Mer.
Area: 160 acres. Character of Coal: Domestic.
Thickness of Seam: 3 feet, 6 inches. Thickness of Cover: 40 feet.

Beck & Caravaggio (Mine No. 937)

Mine Office: Delia.
Overman: Harold M. Myrdol.
Mine Surveyor: D. Jones.
Location of Mine: L.S. 13, Sec. 21, Tp. 30, Rge. 17, W. 4th Mer.
Area: 160 acres. Character of Coal: Domestic.
Thickness of Seam: 4 feet. Thickness of Cover: 30 feet.

Emil Kobi (Mine No. 968)

Mine Office: Endiang.
Location of Mine: S.W. $\frac{1}{4}$, Sec. 4, Tp. 36, Rge. 15, W. 4th Mer.
This mine was operated as a stripping pit, but is now abandoned.

J. Warneboldt (Mine No. 995)

Mine Office: Sheerness.
Overman: W. J. Dieter.
Mine Surveyor: D. Jones.
Location of Mine: L.S. 14, Sec. 18, Tp. 29, Rge. 12, W. 4th Mer.
Area: 160 acres. Character of Coal: Domestic.
Thickness of Seam: 8 feet. Thickness of Cover: 60 feet.

Lawrence Anderson (Mine No. 1039)

Mine Office: Craigmyle.
Overman: L. Anderson.
Mine Surveyor: D. Jones.
Location of Mine: L.S. 2, Sec. 3, Tp. 33, Rge. 16, W. 4th Mer.
Area: 160 acres. Character of Coal: Domestic.
Thickness of Seam: 4 feet, 6 inches. Thickness of Cover: 40 feet.

William B. Sinclair (Mine No. 1075)

Mine Office: Rose Lynn.
Mine Surveyor: D. Jones.
Location of Mine: L.S. 13, Sec. 27, Tp. 28, Rge. 13, W. 4th Mer.
Area: 20 acres. Character of Coal: Domestic.
Thickness of Seam: 4 feet, 9 inches. Thickness of Cover: 6 feet.
This mine is operated by the stripping pit method, but is at present closed.

Carl Olsen (Mine No. 1129)

Mine Office: Hanna.
 Location of Mine: L.S. 3, Sec. 19, Tp. 29, Rge. 14, W. 4th Mer.
 This mine is abandoned.

Charles Hulme (Mine No. 1151)

Mine Office: Craigmyle.
 Overman: C. Hulme.
 Mine Surveyor: D. Jones.
 Location of Mine: L.S. 6, Sec. 28, Tp. 31, Rge. 16, W. 4th Mer.
 Thickness of Seam: 3 feet, 8 inches. Thickness of Cover: 30 feet.
 This mine is abandoned.

N. F. Engstrom (Mine No. 1184)

Mine Office: Rose Lynn.
 Location of Mine: L.S. 5, Sec. 35, Tp. 28, Rge. 13, W. 4th Mer.
 Character of Coal: Domestic.

LACOMBE DISTRICT—DISTRICT NO. 23

Ben Nevis Mines (Mine No. 167)

Mine Office: Nevis.
 Overman: John Mathewson.
 Mine Surveyor: D. Jones.
 Location of Mine: S.E. $\frac{1}{4}$, Sec. 11, Tp. 39, Rge. 22, W. 4th Mer.
 Area: 200 acres. Character of Coal: Domestic.
 Thickness of Seam: 4 feet. Thickness of Cover: 120 feet.

Richard Ruscoe (Mine No. 212)

Mine Office: Halkirk.
 Overman: R. Ruscoe.
 Mine Surveyor: D. Jones.
 Location of Mine: L.S. 12, Sec. 8, Tp. 39, Rge. 15, W. 4th Mer.
 Area: 80 acres. Character of Coal: Domestic.
 Thickness of Seam: 6 feet. Thickness of Cover: 85 feet.

A. D. McCormack (Mine No. 246)

Mine Office: Castor.
 Location of Mine: L.S. 14, Sec. 34, Tp. 37, Rge. 14, W. 4th Mer.
 This mine is now abandoned.

Davies & Green (Mine No. 273)

Mine Office: Halkirk.
 Overman: H. V. Green.
 Mine Surveyor: D. Jones.
 Location of Mine: L.S. 12, Sec. 18, Tp. 39, Rge. 15, W. 4th Mer.
 Area: 20 acres. Character of Coal: Domestic.
 Thickness of Seam: 4 feet. Thickness of Cover: 85 feet.

A. D. McCormack (Mine No. 275)

Mine Office: Castor.
 Overman: A. D. McCormack.
 Mine Surveyor: D. Jones.
 Location of Mine: L.S. 3, Sec. 3, Tp. 38, Rge. 14, W. 4th Mer.
 Area: 160 acres. Character of Coal: Domestic.
 Thickness of Seam: 5 feet, 8 inches. Thickness of Cover: 25 feet.

Armour Gray (Mine No. 289)

Mine Office: Gadsby.
Overman: A. Gray.
Mine Surveyor: D. Jones.
Location of Mine: L.S. 10, Sec. 28, Tp. 39, Rge. 16, W. 4th Mer.
Area: 160 acres. Character of Coal: Domestic.
Thickness of Seam: 4 feet. Thickness of Cover: 50 feet.

Benjamin Hronek (Mine No. 427)

Mine Office: Halkirk.
Overman: B. Hronek.
Mine Surveyor: D. Jones.
Location of Mine: L.S. 7, Sec. 18, Tp. 39, Rge. 15, W. 4th Mer.
Area: 40 acres. Character of Coal: Domestic.
Thickness of Seam: 6 feet. Thickness of Cover: 85 feet.

Rich & Bergren (Mine No. 665)

Mine Office: Gadsby.
Overman: L. Bergren.
Mine Surveyor: D. Jones.
Location of Mine: N.E. $\frac{1}{4}$, Sec. 21, Tp. 39, Rge. 16, W. 4th Mer.
Area: 40 acres. Character of Coal: Domestic.
Thickness of Seam: 4 feet. Thickness of Cover: 35 feet.
This mine is at present closed.

Dan Shaw (Mine No. 717)

Mine Office: Castor.
Overman: Dan Shaw.
Location of Mine: L.S. 2, Sec. 34, Tp. 37, Rge. 14, W. 4th Mer.
Area: 20 acres. Character of Coal: Domestic.

J. B. Remillard (Mine No. 902)

Mine Office: Castor.
Overman: Julien Birot.
Mine Surveyor: D. Jones.
Location of Mine: L.S. 16, Sec. 33, Tp. 37, Rge. 14, W. 4th Mer.
Area: 160 acres. Character of Coal: Domestic.
Thickness of Seam: 5 feet, 3 inches. Thickness of Cover: 35 feet.

Alfred McNeill (Mine No. 945)

Mine Office: Castor.
Overman: John Armstrong.
Mine Surveyor: D. Jones.
Location of Mine: L.S. 8, Sec. 35, Tp. 37, Rge. 14, W. 4th Mer.
Area: 40 acres. Character of Coal: Domestic.
Thickness of Seam: 5 feet. Thickness of Cover: 18 feet.

J. F. Burt (Mine No. 966)

Mine Office: Erskine.
Overman: J. F. Burt.
Mine Surveyor: D. Jones.
Location of Mine: L.S. 9, Sec. 10, Tp. 38, Rge. 22, W. 4th Mer.
Area: 20 acres. Character of Coal: Domestic.
Thickness of Seam: 3 feet. Thickness of Cover: 20 to 100 feet.

Paul Ness (Mine No. 986)

Mine Office: Erskine.
 Overman: P. Ness.
 Mine Surveyor: D. Jones.
 Location of Mine: L.S. 7, Sec. 10, Tp. 38, Rge. 22, W. 4th Mer.
 Area: 40 acres. Character of Coal: Domestic.

E. H. Taylor (Mine No. 999)

Mine Office: Halkirk.
 Mine Surveyor: D. Jones.
 Location of Mine: L.S. 3, Sec. 30, Tp. 37, Rge. 15, W. 4th Mer.
 Area: 40 acres. Character of Coal: Domestic.
 This mine is operated as a stripping pit.

D. H. Fuller (Mine No. 1049)

Mine Office: Stettler.
 Overman: A. R. Nims.
 Mine Surveyor: D. Jones.
 Location of Mine: L.S. 8, Sec. 34, Tp. 37, Rge. 22, W. 4th Mer.
 Area: 40 acres. Character of Coal: Domestic.
 Thickness of Seam: 5 feet. Thickness of Cover: 60 feet.

W. F. Ulmer (Mine No. 1057)

Mine Office: Castor.
 Location of Mine: N.W. $\frac{1}{4}$, Sec. 3, Tp. 38, Rge. 14, W. 4th Mer.
 This mine is abandoned.

Charles Strader (Mine No. 1062)

Mine Office: Halkirk.
 Overman: C. Strader.
 Mine Surveyor: D. Jones.
 Location of Mine: L.S. 4, Sec. 17, Tp. 39, Rge. 15, W. 4th Mer.
 Area: 40 acres. Character of Coal: Domestic.

A. E. Holt (Mine No. 1071)

Mine Office: Erskine.
 Overman: A. E. Holt.
 Mine Surveyor: L. C. Stevens.
 Location of Mine: L.S. 10, Sec. 10, Tp. 38, Rge. 22, W. 4th Mer.
 Area: 40 acres. Character of Coal: Domestic.
 Thickness of Seam: 4 feet, 6 inches. Thickness of Cover: 20 to 100 feet.

Paul Streich (Mine No. 1074)

Mine Office: Nevis.
 Location of Mine: L.S. 8, Sec. 4, Tp. 38, Rge. 22, W. 4th Mer.
 This mine is abandoned.

Ralph Allen (Mine No. 1106)

Mine Office: Cornucopia.
 Location of Mine: L.S. 2, Sec. 5, Tp. 37, Rge. 15, W. 4th Mer.
 Area: 40 acres. Character of Coal: Domestic.
 This mine is a stripping pit.

Mrs. E. Ness (Mine No. 1127)

Mine Office: Erskine.
Location of Mine: L.S. 5, Sec. 2, Tp. 38, Rge. 22, W. 4th Mer.
This mine is abandoned.

Mrs. A. Karaus (Mine No. 1163)

Mine Office: Halkirk.
Overman: I. Karaus.
Location of Mine: L.S. 14, Sec. 32, Tp. 39, Rge. 15, W. 4th Mer.
Area: 40 acres. Character of Coal: Domestic.

B. Saunders & B. Gaush (Mine No. 1181)

Mine Office: Castor, Box 142.
Location of Mine: N.W. $\frac{1}{4}$, Sec. 8, Tp. 37, Rge. 13, W. 4th Mer.
Area: 40 acres. Character of Coal: Domestic.

Arthur J. Lewis (Mine No. 1185)

Mine Office: Nevis P.O.
Overman: A. J. Lewis.
Location of Mine: S.E. $\frac{1}{4}$, Sec. 2, Tp. 39, Rge. 22, W. 4th Mer.

TROCHU DISTRICT—DISTRICT NO. 24

Wilson Burchell (Mine No. 328)

Mine Office: Huxley.
Overman: W. Burchell.
Mine Surveyor: D. Jones.
Location of Mine: S.W. $\frac{1}{2}$, Sec. 13, Tp. 34, Rge. 22, W. 4th Mer.
Area: 40 acres. Character of Coal: Domestic.
Thickness of Seam: 5 feet, 8 inches. Thickness of Cover: 70 feet.

T. & A. McKinley (Mine No. 423)

Mine Office: Trochu.
Overman: A. McKinley.
Mine Surveyor: D. Jones.
Location of Mine: L.S. 15, Sec. 22, Tp. 33, Rge. 23, W. 4th Mer.
Area: 20 acres. Character of Coal: Domestic.
Thickness of Seam: 5 feet. Thickness of Cover: 20 to 80 feet.

Ole Thompson (Mine No. 495)

Mine Office: Lousana.
Overman: O. Thompson.
Mine Surveyor: D. Jones.
Location of Mine: L.S. 16, Sec. 12, Tp. 36, Rge. 22, W. 4th Mer.
Area: 20 acres. Character of Coal: Domestic.
Thickness of Seam: 4 feet. Thickness of Cover: 80 feet.

J. N. Blair (Mine No. 635)

Mine Office: Delburne.
Location of Mine: L.S. 4, Sec. 7, Tp. 38, Rge. 23, W. 4th Mer.
This mine is abandoned.

Peters & Kinchin (Mine No. 710)

Mine Office: Trochu.
 Overman: R. Davidson.
 Mine Surveyor: R. Hamilton.
 Location of Mine: L.S. 10, Sec. 14, Tp. 33, Rge. 23, W. 4th Mer.
 Area: 20 acres. Character of Coal: Domestic.
 Thickness of Seam: 5 feet, 6 inches. Thickness of Cover: 70 feet.

Ed. Bray (Mine No. 731)

(Formerly North Star Coal Company Limited)

Mine Office: Alix.
 Mine Surveyor: L. C. Stevens.
 Location of Mine: L.S. 16, Sec. 33, Tp. 38, Rge. 23, W. 4th Mer.
 Area: 160 acres. Character of Coal: Domestic.
 Thickness of Seam: 5 feet. Thickness of Cover: 18 feet.
 This mine is operated as a stripping pit.

Ardley Hardite Collieries Limited (Mine No. 787)

Head Office: Calgary.
 Mine Office: Ardley.
 Overman: A. Barrowman.
 Mine Surveyor: L. C. Stevens.
 Location of Mine: L.S. 12, Sec. 21, Tp. 38, Rge. 23, W. 4th Mer.
 Area: 1,200 acres. Character of Coal: Domestic.
 Thickness of Seam: 6 feet. Thickness of Cover: 95 feet.

Challenger Coal Company (Mine No. 824)

Mine Office: Ardley.
 Overman: T. Waring.
 Mine Surveyor: D. Jones.
 Location of Mine: N.W.¼, Sec. 20, Tp. 38, Rge. 23, W. 4th Mer.
 Area: 320 acres. Character of Coal: Domestic.

Ruby Glow Coal Company Limited (Mine No. 831)

Mine Office: Alix.
 Overman: J. Russell.
 Mine Surveyor: L. C. Stevens.
 Location of Mine: L.S. 10, Sec. 33, Tp. 38, Rge. 23, W. 4th Mer.
 Area: 100 acres. Character of Coal: Domestic.
 Thickness of Seam: 5 feet, 6 inches. Thickness of Cover: 80 feet.

David Halbert (Mine No. 859)

Mine Office: Trochu.
 Overman: D. Halbert.
 Mine Surveyor: D. Jones.
 Location of Mine: L.S. 3, Sec. 23, Tp. 33, Rge. 23, W. 4th Mer.
 Area: 20 acres. Character of Coal: Domestic.
 Thickness of Seam: 5 feet, 6 inches. Thickness of Cover: 70 feet.

Robert Russell (Mine No. 891)

Mine Office: Alix.
 Mine Surveyor: D. Jones.
 Location of Mine: L.S. 11, Sec. 12, Tp. 38, Rge. 24, W. 4th Mer.
 Area: 80 acres. Character of Coal: Domestic.
 Thickness of Seam: 5 feet. Thickness of Cover: 15 feet.
 This mine is a stripping pit.

Carbondale Coal Company Limited (Mine No. 912)

Mine Office: Ardley.
Location of Mine: E. $\frac{1}{2}$, Sec. 29, Tp. 38, Rge. 23, W. 4th Mer.
This mine has not operated since 1923 and is still closed.

Thomas McKinlay (Mine No. 921)

Mine Office: Trochu.
Overman: T. McKinlay.
Mine Surveyor: R. Hamilton.
Location of Mine: L.S. 16, Sec. 14, Tp. 33, Rge. 23, W. 4th Mer.
Area: 20 acres. Character of Coal: Domestic.
Thickness of Seam: 5 feet, 6 inches. Thickness of Cover: 70 feet.

George Paton (Mine No. 949)

Mine Office: Delburne.
Overman: G. Paton.
Mine Surveyor: D. Jones.
Location of Mine: S.E. $\frac{1}{4}$, Sec. 27, Tp. 37, Rge. 22, W. 4th Mer.
Area: 40 acres. Character of Coal: Domestic.
Thickness of Seam: 5 feet. Thickness of Cover: 20 to 100 feet.

C. C. McDermand (Mine No. 951)

Mine Office: Alix.
Mine Surveyor: D. Jones.
Location of Mine: L.S. 3, Sec. 29, Tp. 38, Rge. 23, W. 4th Mer.
Area: 40 acres. Character of Coal: Domestic.
Thickness of Seam: 4 feet. Thickness of Cover: 40 feet.
This mine is operated as a stripping pit.

Denis Blair (Mine No. 957)

Mine Office: Delburne.
Mine Surveyor: D. Jones.
Location of Mine: L.S. 8, Sec. 11, Tp. 38, Rge. 24, W. 4th Mer.
Area: 40 acres. Character of Coal: Domestic.
Thickness of Seam: 6 feet. Thickness of Cover: 10 to 50 feet.
This mine is operated as a stripping pit.

B. C. Kurp (Mine No. 967)

Mine Office: Delburne.
Mine Surveyor: D. Jones.
Location of Mine: L.S. 8, Sec. 11, Tp. 38, Rge. 24, W. 4th Mer.
Area: 40 acres. Character of Coal: Domestic.
This mine is operated as a stripping pit.

James Blades (Mine No. 969)

Mine Office: R.R. No. 1, Nevis.
Overman: J. Blades.
Mine Surveyor: L. C. Stevens.
Location of Mine: L.S. 14, Sec. 10, Tp. 38, Rge. 22, W. 4th Mer.
Area: 20 acres. Character of Coal: Domestic.
Thickness of Seam: 4 feet. Thickness of Cover: 30 feet.

Robertson & Taylor (Mine No. 1018)

Mine Office: Ardley.
Overman: G. Taylor.
Mine Surveyor and Manager: J. Robertson.
Location of Mine: S.W. $\frac{1}{4}$, Sec. 17, Tp. 38, Rge. 23, W. 4th Mer.
Area: 160 acres. Character of Coal: Domestic.
Thickness of Seam: 5 feet, 6 inches. Thickness of Cover: 80 feet.

Jones & Williamson (Mine No. 1035)

Mine Office: Alix.
Location of Mine: L.S. 1, Sec. 33, Tp. 39, Rge. 23, W. 4th Mer.
This mine is abandoned.

Thomas E. Lasseter (Mine No. 1037)

Mine Office: Delburne.
Location of Mine: L.S. 1, Sec. 11, Tp. 38, Rge. 24, W. 4th Mer.
This mine is abandoned.

Berg & Brown (Mine No. 1044)

Mine Office: Alix.
Mine Surveyor: D. Jones.
Location of Mine: L.S. 5, Sec. 29, Tp. 38, Rge. 23, W. 4th Mer.
Area: 12 acres. Character of Coal: Domestic.
Thickness of Seam: 4 feet.
This mine is abandoned.

Thomas Jackson (Mine No. 1048)

Mine Office: Delburne.
Location of Mine: L.S. 16, Sec. 2, Tp. 38, Rge. 24, W. 4th Mer.
This mine is abandoned.

Alfonso Blair (Mine No. 1068)

Mine Office: Delburne.
Location of Mine: L.S. 8 and 9, Sec. 11, Tp. 38, Rge. 24, W. 4th Mer.
This mine is abandoned.

C. N. Williamson (Mine No. 1125)

Mine Office: Alix.
Location of Mine: L.S. 7, Sec. 2, Tp. 39, Rge. 23, W. 4th Mer.
Character of Coal: Domestic.
This mine is at present closed.

J. L. Jones (Mine No. 1130)

Mine Office: Ardley.
Location of Mine: S.W. $\frac{1}{4}$, Sec. 7, Tp. 38, Rge. 24, W. 4th Mer.
Area: 20 acres. Character of Coal: Domestic.
This mine is operated as a stripping pit.

Theo Kurp (Mine No. 1135)

Mine Office: Delburne.
Location of Mine: L.S. 4, Sec. 7, Tp. 38, Rge. 23, W. 4th Mer.
Area: 20 acres. Character of Coal: Domestic.
This mine is operated as a stripping pit.

Ralph Carter (Mine No. 1136)

Mine Office: Delburne.
Location of Mine: L.S. 16, Sec. 2, Tp. 38, Rge. 24, W. 4th Mer.
Area: 20 acres. Character of Coal: Domestic.
This mine is operated as a stripping pit.

Heatburg Coal Company (Mine No. 1152)

Mine Office: Alix.
Location of Mine: S.E.¼, Sec. 3, Tp. 39, Rge. 23, W. 4th Mer.
Area: 160 acres. Character of Coal: Domestic.
This mine is at present closed.

Lasseter & McDonald (Mine No. 1178)

Mine Office: Delburne.
Location of Mine: L.S. 15, Sec. 2, Tp. 38, Rge. 24, W. 4th Mer.
Area: 40 acres. Character of Coal: Domestic.
This mine is operated as a stripping pit.

Peter Murray (Mine No. 1179)

Mine Office: Lousana.
Overman: Peter Murray.
Location of Mine: L.S. 12, Sec. 12, Tp. 36, Rge. 22, W. 4th Mer.
Area: 40 acres. Character of Coal: Domestic.

McKinlay & Sorelle (Mine No. 1189)

Mine Office: Huxley.
Overman: David McKinlay.
Location of Mine: L.S. 14, Sec. 3, Tp. 34, Rge. 22, W. 4th Mer.
Area: 20 acres. Character of Coal: Domestic.

THREE HILLS DISTRICT—DISTRICT NO. 25

Albert Trentham (Mine No. 113)

Mine Office: Three Hills.
Overman: A. Trentham.
Mine Surveyor: R. Hamilton.
Location of Mine: L.S. 16, Sec. 26, Tp. 31, Rge. 24, W. 4th Mer.
Area: 40 acres. Character of Coal: Domestic.
Thickness of Seam: 5 feet. Thickness of Cover: 70 feet.

Ellis Coal Company Limited (Mine No. 384)

Mine Office: Three Hills.
Authorized Capital: \$20,000.00.
President: Wm. Ellis, Sr.
Vice-President: A. McCulloch.
Secretary-Treasurer: Wm. Ellis, Jr.

Manager and Mine Surveyor: R. Hamilton.
 Location of Mine: L.S. 3, Sec. 36, Tp. 31, Rge. 24, W. 4th Mer.
 Area: 280 acres. Character of Coal: Domestic
 Thickness of Seam: 5 feet, 6 inches. Thickness of Cover: 162 feet.

George Watson (Mine No. 445)

(Formerly operated by Knee Hill Valley Coal Co.)

Mine Office: Twining.
 Overman: G. Watson.
 Mine Surveyor: R. Hamilton.
 Location of Mine: L.S. 6, Sec. 14, Tp. 31, Rge. 24, W. 4th Mer.
 Area: 20 acres. Character of Coal: Domestic.
 Thickness of Seam: 3 feet, 4 inches. Thickness of Cover: 56 feet.

Palisade Coal Company Limited (Mine No. 811)

Mine Office: Three Hills.
 Authorized Capital: \$60,000.00.
 President: J. B. Cleary.
 Vice-President: G. A. Johnson.
 Managing Director: J. W. Townsend.
 Secretary-Treasurer: J. W. Townsend.
 Overman: J. Williams.
 Mine Surveyor: D. Jones.
 Location of Mine: L.S. 10, Sec. 36, Tp. 31, Rge. 24, W. 4th Mer.
 Area: 320 acres. Character of Coal: Domestic.
 Thickness of Seam: 5 feet, 6 inches. Thickness of Cover: 162 feet.

CARBON DISTRICT—DISTRICT NO. 26

Chris Johnson (Mine No. 53)

Mine Office: Carbon.
 Location of Mine: L.S. 3, Sec. 14, Tp. 29, Rge. 23, W. 4th Mer.
 This mine is at present closed.

Peerless Carbon Collieries Limited (Mine No. 115)

Mine Office: Carbon.
 Head Office: 405 Grain Exchange Building, Calgary.
 Authorized Capital: \$100,000.00.
 Manager: J. McKelvie.
 Overman: J. Oliphant.
 Mine Surveyor: D. Jones.
 Location of Mine: L.S. 13, Sec. 12, Tp. 29, Rge. 23, W. 4th Mer.
 Area: 280 acres. Character of Coal: Domestic.
 Thickness of Seam: 4 feet. Thickness of Cover: 50 to 200 feet.

A. B. Howden (Mine No. 187)

Mine Office: Carbon.
 Manager: A. B. Howden.
 Mine Surveyor: D. Jones.
 Location of Mine: L.S. 5, Sec. 15, Tp. 29, Rge. 23, W. 4th Mer.
 Area: 40 acres. Character of Coal: Domestic.
 A new slope was sunk to the coal. The mine is at present closed.

A. Balog (Mine No. 189)

Mine Office: Carbon.
Overman: A. Balog.
Mine Surveyor: D. Jones.
Location of Mine: L.S. 6, Sec. 7, Tp. 29, Rge. 22, W. 4th Mer.
Area: 40 acres. Character of Coal: Domestic.
Thickness of Seam: 3 feet.

Rene Vasseur (Mine No. 194)

Mine Office: Three Hills.
Overman: R. Vasseur.
Mine Surveyor: R. Hamilton.
Location of Mine: N.E. $\frac{1}{4}$, Sec. 4, Tp. 31, Rge. 22, W. 4th Mer.
Area: 160 acres. Character of Coal: Domestic.
Thickness of Seam: 3 feet, 6 inches. Thickness of Cover: 60 feet.

H. D. Friend (Mine No. 749)

Mine Office: Carbon.
Overman: J. I. Bowie.
Mine Surveyor: D. Jones.
Location of Mine: L.S. 15, Sec. 11, Tp. 29, Rge. 23, W. 4th Mer.
Area: 40 acres. Character of Coal: Domestic.
Thickness of Seam: 4 feet. Thickness of Cover: 200 feet.

Shannon Coal Company Limited (Mine No. 768)

Mine Office: Carbon.
Authorized Capital: \$30,000.00.
Overman: Alfred Fox.
Mine Surveyor: D. Jones.
Location of Mine: L.S. 1, Sec. 14, Tp. 29, Rge. 23, W. 4th Mer.
Area: 80 acres. Character of Coal: Domestic.
Thickness of Seam: 4 feet. Thickness of Cover: 60 feet.

Harry Trentham (Mine No. 817)

Mine Office: Ghost Pine Creek P.O.
Overman: H. Trentham.
Mine Surveyor: R. Hamilton.
Location of Mine: L.S. 2, Sec. 6, Tp. 31, Rge. 21, W. 4th Mer.
Area: 40 acres. Character of Coal: Domestic.

Peerless Carbon Coal Mines Limited (Mine No. 851)

Mine Office: Carbon
Head Office: 409 Grain Exchange Bldg., Calgary.
Authorized Capital: \$25,000.00.
Manager: J. McKelvie.
Overman: T. Mather
Mine Surveyor: D. Jones.
Location of Mine: L.S. 1, Sec. 14, Tp. 29, Rge. 23, W. 4th Mer.
Area: 850 acres. Character of Coal: Domestic.
Thickness of Seam: 4 feet. Thickness of Cover: 30 to 200 feet.

C. P. McCallum (Mine No. 856)

Mine Office: Carbon.
 Location of Mine: L.S. 13, Sec. 11, Tp. 29, Rge. 23, W. 4th Mer.
 This mine is at present closed.

A. P. Himmelman (Mine No. 904)

Mine Office: Carbon.
 Location of Mine: L.S. 2, Sec. 16, Tp. 29, Rge. 23, W. 4th Mer.
 This mine is at present closed.

Fife Coal Company (Mine No. 958)

Mine Office: Carbon.
 Overman: W. Poxon.
 Mine Surveyor: G. L. Kidd.
 Location of Mine: L.S. 7, Sec. 15, Tp. 29, Rge. 23, W. 4th Mer.
 Area: 40 acres. Character of Coal: Domestic.
 Thickness of Seam: 4 feet. Thickness of Cover: 20 to 200 feet.

Robert Campbell (Mine No. 1033)

Mine Office: Ghost Pine Creek P.O.
 Overman: R. Campbell.
 Mine Surveyor: R. Hamilton.
 Location of Mine: L.S. 6, Sec. 10, Tp. 31, Rge. 22, W. 4th Mer.
 Area: 40 acres. Character of Coal: Domestic.

Alfred Fox (Mine No. 1060)

Mine Office: Carbon.
 Location of Mine: L.S. 12, Sec. 7, Tp. 29, Rge. 22, W. 4th Mer.
 This mine is at present closed.

J. E. Seale (Mine No. 1126)

Mine Office: Carbon.
 Location of Mine: L.S. 5, Sec. 13, Tp. 29, Rge. 23, W. 4th Mer.
 This mine is abandoned.

Hulbert & Sherk (Mine No. 1169)

Mine Office: Carbon.
 Overman: V. D. Hulburt.
 Location of Mine: L.S. 5, Sec. 14, Tp. 29, Rge. 23, W. 4th Mer.
 Area: 40 acres. Character of Coal: Domestic.
 A slope 8 feet by 8 feet by 100 feet in length on an inclination of 20 degrees has been sunk to the coal in which entry has been driven for a distance of 75 feet from the foot of the slope. An airshaft has been sunk to the coal but not connected to the workings. The mine is not in operation at present.

BATTLE RIVER DISTRICT—DISTRICT NO. 27

G. Chambers (Mine No. 242)

Mine Office: Kelsey.
 Location of Mine: L.S. 3, Sec. 15, Tp. 44, Rge. 19, W. 4th Mer.
 This mine is abandoned.

Bish Bros. & LeGear (Mine No. 245)

Mine Office: Forestburg.
Overman: G. LeGear.
Mine Surveyor: D. Jones.
Location of Mine: L.S. 13, Sec. 36, Tp. 40, Rge. 16, W. 4th Mer.
Area: 80 acres. Character of Coal: Domestic.
Thickness of Seam: 7 feet, 6 inches. Thickness of Cover: 40 feet.

John Tyrlik (Mine No. 251)

Mine Office: Heisler.
Overman: J. Tyrlik.
Mine Surveyor: D. Jones.
Location of Mine: N.E. $\frac{1}{4}$, Sec. 28, Tp. 42, Rge. 17, W. 4th Mer.
Area: 40 acres. Character of Coal: Domestic.
Thickness of Seam: 5 feet. Thickness of Cover: 80 feet.

James Bros. (Mine No. 447)

Mine Office: Forestburg.
Overman: A. J. James.
Mine Surveyor: D. Jones.
Location of Mine: L.S. 12, Sec. 28, Tp. 40, Rge. 15, W. 4th Mer.
Area: 40 acres. Character of Coal: Domestic.
Thickness of Seam: 7 feet, 6 inches. Thickness of Cover: 80 feet.

Donald McDonald (Mine No. 607)

Mine Office: Donalda.
Overman: D. McDonald.
Mine Surveyor: L. C. Stevens.
Location of Mine: L.S. 8, Sec. 30, Tp. 41, Rge. 17, W. 4th Mer.
Area: 20 acres. Character of Coal: Domestic.
Thickness of Seam: 6 feet. Thickness of Cover: 80 feet.

O'Brien Gillis & Co. (Mine No. 609)

Mine Office: Heisler.
Location of Mine: L.S. 5, Sec. 22, Tp. 42, Rge. 17, W. 4th Mer.
This mine is abandoned.

Geo. H. Enders (Mine No. 615)

Mine Office: Heisler.
Overman: J. Sank.
Mine Surveyor: D. Jones.
Location of Mine: L.S. 2, Sec. 28, Tp. 42, Rge. 17, W. 4th Mer.
Area: 20 acres. Character of Coal: Domestic.
Thickness of Seam: 10 feet. Thickness of Cover: 50 feet.

C. Fanning (Mine No. 622)

Mine Office: Rosalind.
Overman: C. Fanning.
Mine Surveyor: D. Jones.
Location of Mine: S.W. $\frac{1}{4}$, Sec. 8, Tp. 43, Rge. 17, W. 4th Mer.
This mine is at present closed.

E. W. Simmons (Mine No. 666)

Mine Office: Forestburg.
Overman: E. W. Simmons.
Mine Surveyor: D. Jones.
Location of Mine: L.S. 16, Sec. 2, Tp. 41, Rge. 16, W. 4th Mer.
Area: 20 acres. Character of Coal: Domestic.
Thickness of Seam: 5 feet, 6 inches. Thickness of Cover: 40 feet.

Warmoth & Pickering (Mine No. 679)

Mine Office: Donalda.
Location of Mine: L.S. 14, Sec. 32, Tp. 41, Rge. 18, W. 4th Mer.
This mine is abandoned.

Albert Young (Mine No. 704)

Mine Office: Forestburg.
Location of Mine: L.S. 12, Sec. 25, Tp. 40, Rge. 16, W. 4th Mer.
This mine is now abandoned.

Arthur Mitchinson (Mine No. 719)

Mine Office: Donalda.
Overman: A. Mitchinson.
Mine Surveyor: D. Jones.
Location of Mine: L.S. 1, Sec. 5, Tp. 42, Rge. 18, W. 4th Mer.
Area: 30 acres. Character of Coal: Domestic.
Thickness of Seam: 3 feet. Thickness of Cover: 50 to 150 feet.

Albert Wisla (Mine No. 793)

Mine Office: Heisler.
Overman: A. Wisla.
Mine Surveyor: D. Jones.
Location of Mine: L.S. 7, Sec. 3, Tp. 43, Rge. 17, W. 4th Mer.
Area: 20 acres. Character of Coal: Domestic.
Thickness of Seam: 7 feet. Thickness of Cover: 40 feet.

S. J. Calvin (Mine No. 807)

Mine Office: Donalda.
Overman: Otto Paulson.
Mine Surveyor: D. Jones.
Location of Mine: L.S. 1, Sec. 29, Tp. 41, Rge. 17, W. 4th Mer.
Area: 20 acres. Character of Coal: Domestic.
Thickness of Seam: 5 feet. Thickness of Cover: 50 feet.

John J. King (Mine No. 828)

Mine Office: Edberg.
Overman: J. J. King.
Mine Surveyor: D. Jones.
Location of Mine: L.S. 6, Sec. 32, Tp. 43, Rge. 18, W. 4th Mer.
Area: 20 acres. Character of Coal: Domestic.
Thickness of Seam: 5 feet. Thickness of Cover: 20 feet.

Arthur Mitchinson (Mine No. 853)

Mine Office: Donalda.
Mine Surveyor: D. Jones.
Location of Mine: L.S. 14, Sec. 32, Tp. 41, Rge. 18, W. 4th Mer.
Area: 20 acres. Character of Coal: Domestic.
Thickness of Seam: 3 feet, 9 inches. Thickness of Cover: 25 feet.
This mine is at present closed.

Paul Makarevich (Mine No. 874)

Mine Office: Forestburg.
Location of Mine: L.S. 6, Sec. 2, Tp. 41, Rge. 16, W. 4th Mer.
This mine is now abandoned.

F. G. Meek (Mine No. 911)

Mine Office: Heisler.
Overman: F. G. Meek.
Mine Surveyor: D. Jones.
Location of Mine: L.S. 1, Sec. 33, Tp. 42, Rge. 17, W. 4th Mer.
Area: 20 acres. Character of Coal: Domestic.
Thickness of Seam: 4 feet. Thickness of Cover: 40 feet.

C. E. Hanson (Mine No. 948)

Mine Office: Box 75, Donalda.
Overman: E. D. Allen.
Mine Surveyor: D. Jones.
Location of Mine: Sec. 8, Tp. 43, Rge. 17, W. 4th Mer.
Area: 40 acres. Character of Coal: Domestic.
Thickness of Seam: 5 feet. Thickness of Cover: 30 to 180 feet.

Bohme Brothers & Gilles (Mine No. 952)

Mine Office: Forestburg.
Overman: E. Gilles.
Mine Surveyor: D. Jones.
Location of Mine: L.S. 4, Sec. 33, Tp. 40, Rge. 15, W. 4th Mer.
Area: 20 acres. Character of Coal: Domestic.
Thickness of Seam: 8 feet, 6 inches. Thickness of Cover: 25 feet.

Martin Brothers & Robinson (Mine No. 953)

Mine Office: Forestburg.
Overman: A. Martin.
Mine Surveyor: D. Jones.
Location of Mine: L.S. 8, Sec. 32, Tp. 40, Rge. 15, W. 4th Mer.
Area: 20 acres. Character of Coal: Domestic.
Thickness of Seam: 9 feet. Thickness of Cover: 24 feet.

Muncy Brothers (Mine No. 956)

Mine Office: Foreman.
Overman: M. S. Muncy.
Mine Surveyor: D. Jones.
Location of Mine: L.S. 2, Sec. 35, Tp. 40, Rge. 16, W. 4th Mer.
Area: 20 acres. Character of Coal: Domestic.
Thickness of Seam: 5 feet, 6 inches. Thickness of Cover: 30 feet.

John Kerr (Mine No. 959)

Mine Office: Gadsby.
Overman: Arthur Hayward.
Mine Surveyor: D. Jones.
Location of Mine: L.S. 4, Sec. 11, Tp. 40, Rge. 16, W. 4th Mer.
Area: 20 acres. Character of Coal: Domestic.
Thickness of Seam: 6 feet. Thickness of Cover: 20 feet.

Walton Brothers (Mine No. 960)

Mine Office: Forestburg.
Location of Mine: L.S. 12, Sec. 31, Tp. 40, Rge. 15, W. 4th Mer.
This mine is at present closed.

Bitterman, Vishoff & Cober (Mine No. 964)

Mine Office: Forestburg.
Overman: J. Bitterman.
Mine Surveyor: D. Jones.
Location of Mine: L.S. 9, Sec. 32, Tp. 40, Rge. 15, W. 4th Mer.
Area: 20 acres. Character of Coal: Domestic.
Thickness of Seam: 8 feet. Thickness of Cover: 27 feet.

Campbell & Walton Brothers (Mine No. 1032)

Mine Office: Forestburg.
Overman: G. Walton.
Mine Surveyor: D. Jones.
Location of Mine: L.S. 13, Sec. 31, Tp. 40, Rge. 15, W. 4th Mer.
Area: 20 acres. Character of Coal: Domestic.
Thickness of Seam: 4 feet, 6 inches. Thickness of Cover: 40 feet.

John Carlson (Mine No. 1042)

Mine Office: Heisler.
Overman: J. Carlson.
Mine Surveyor: D. Jones.
Location of Mine: L.S. 5, Sec. 22, Tp. 42, Rge. 17, W. 4th Mer.
Area: 20 acres. Character of Coal: Domestic.
Thickness of Seam: 8 feet. Thickness of Cover: 35 feet.

Louis Bulcourt (Mine No. 1046)

Mine Office: Halkirk.
Overman: L. Bulcourt.
Mine Surveyor: D. Jones.
Location of Mine: L.S. 6, Sec. 20, Tp. 40, Rge. 15, W. 4th Mer.
Area: 40 acres. Character of Coal: Domestic.
Thickness of Seam: 7 feet, 6 inches. Thickness of Cover: 40 to 70 feet.

Nicolas Fry (Mine No. 1047)

Mine Office: Donalda.
Overman: N. Fry.
Mine Surveyor: D. Jones.
Location of Mine: E. $\frac{1}{2}$, L.S. 15, Sec. 32, Tp. 41, Rge. 18, W. 4th Mer.
Area: 20 acres. Character of Coal: Domestic.
Thickness of Seam: 3 feet, 6 inches. Thickness of Cover: 25 feet.

David James (Mine No. 1064)

Mine Office: Alliance.
 Overman: D. James.
 Mine Surveyor: D. Jones.
 Location of Mine: L.S. 1, Sec. 32, Tp. 40, Rge. 15, W. 4th Mer.
 Area: 20 acres. Character of Coal: Domestic.
 Thickness of Seam: 8 feet. Thickness of Cover: 27 feet.

Axil Lindgren (Mine No. 1102)

Mine Office: Meeting Creek.
 Overman: A. Lindgren.
 Mine Surveyor: D. Jones.
 Location of Mine: L.S. 3, Sec. 13, Tp. 43, Rge. 20, W. 4th Mer.
 Area: 40 acres. Character of Coal: Domestic.
 Thickness of Seam: 3 feet, 6 inches. Thickness of Cover: 30 feet.

E. Ramstad (Mine No. 1133)

Mine Office: Donalds.
 Location of Mine: N.W. $\frac{1}{4}$, Sec. 32, Tp. 42, Rge. 17, W. 4th Mer.
 This mine is now abandoned.

Jones & Bray (Mine No. 1173)

Mine Office: Rosalind.
 Overman: Wm. Jones.
 Location of Mine: L.S. 14, Sec. 33, Tp. 43, Rge. 18, W. 4th Mer.
 Prospecting work only has been done, the mine is at present closed.

Titus Card (Mine No. 1180)

Mine Office: Kelsey.
 Overman: Carl Pederson.
 Location of Mine: Sec. 4, Tp. 44, Rge. 18, W. 4th Mer.

CAMROSE DISTRICT—DISTRICT NO. 28

*Chappell Coal Company Limited (Mine No. 215)**(Formerly E. E. Chappell)*

Mine Office: Dodds.
 Head Office: 702 Tegler Bldg., Edmonton.
 Overman: W. E. Williams.
 Mine Surveyor: A. Driscoll.
 Location of Mine: L.S. 7, Sec. 14, Tp. 49, Rge. 18, W. 4th Mer.
 Area: 120 acres. Character of Coal: Domestic.
 Thickness of Seam: 6 feet. Thickness of Cover: 12 feet.
 This mine is operated as a stripping pit.

Spicer Coal Company Limited (Mine No. 241)

Mine Office: Dinant.
 Head Office: Saskatoon.
 Authorized Capital: \$100,000.00.
 General Manager: Gordon Hunter.
 Manager and Mine Surveyor: J. A. McLenhan.
 Location of Mine: L.S. 4, Sec. 18, Tp. 48, Rge. 19, W. 4th Mer.
 Area: 160 acres. Character of Coal: Domestic.
 Thickness of Seam: 6 feet. Thickness of Cover: 50 feet.

Stoney Creek Collieries Limited (Mine No. 244)

Mine Office: Camrose.
 Authorized Capital: \$50,000.00.
 President: F. Adams.
 Directors: F. L. Farley, E. L. Scotwold, D. Twomey.
 Managing Director: D. Twomey.
 Overman: D. S. Williamson.
 Mine Surveyor: Norman Fraser.
 Location of Mine: L.S. 1, Sec. 33, Tp. 46, Rge. 20, W. 4th Mer.
 Area: 200 acres. Character of Coal: Domestic.
 Thickness of Seam: 4 feet. Thickness of Cover: 82 feet.

Round Hill Collieries Limited (Mine No. 250)

Mine Office: Round Hill.
 Authorized Capital: \$100,000.00.
 Secretary-Treasurer: J. Twomey.
 Overman: R. Williamson.
 Mine Surveyor: Norman Fraser.
 Location of Mine: L.S. 1, Sec. 30, Tp. 48, Rge. 18, W. 4th Mer.
 Area: 80 acres. Character of Coal: Domestic.
 Thickness of Seam: 7 feet. Thickness of Cover: 18 feet.

Canadian Dinant Coal Company Limited (Mine No. 374)

Mine Office: Dinant.
 Authorized Capital: \$100,000.00.
 President: J. S. McGuire.
 Secretary-Treasurer: Miss J. M. Halbert.
 Business Manager: R. Shortreed.
 Manager: J. Finlayson.
 Mine Surveyor: L. C. Stevens.
 Location of Mine: L.S. 9, Sec. 12, Tp. 48, Rge. 20, W. 4th Mer.
 Area: 130 acres. Character of Coal: Domestic.
 Thickness of Seam: 7 feet. Thickness of Cover: 50 feet.
 On February 23, 1924, the tippie at this mine was destroyed by fire, a new shaft was sunk 1500 S.E. and new tippie erected, the railroad siding being extended to the new site.

George Law (Mine No. 601)

Mine Office: Round Hill.
 Overman: G. Law.
 Mine Surveyor: Norman Fraser.
 Location of Mine: L.S. 9, Sec. 10, Tp. 48, Rge. 18, W. 4th Mer.
 Area: 160 acres. Character of Coal: Domestic.
 Thickness of Seam: 6 feet. Thickness of Cover: 10 feet.

L. Strilczyk (Mine No. 610)

Mine Office: Round Hill.
 Overman: L. Strilczyk.
 Location of Mine: L.S. 8, Sec. 10, Tp. 48, Rge. 18, W. 4th Mer.
 Area: 40 acres. Character of Coal: Domestic.
 Thickness of Seam: 6 feet. Thickness of Cover: 15 feet.
 This mine has been reopened, having been abandoned since 1918.

S. H. Burnstadt (Mine No. 724)

Mine Office: Round Hill.
Overman: J. Scabar.
Mine Surveyor: Norman Fraser.
Location of Mine: S.W. $\frac{1}{4}$, Sec. 14, Tp. 48, Rge. 18, W. 4th Mer.
Area: 40 acres. Character of Coal: Domestic.
Thickness of Seam: 6 feet. Thickness of Cover: 10 feet.

W. W. Casbeer (Mine No. 760)

Mine Office: Round Hill.
Overman: J. Jacobson.
Mine Surveyor: D. Jones.
Location of Mine: L.S. 10, Sec. 30, Tp. 48, Rge. 18, W. 4th Mer.
Area: 20 acres. Character of Coal: Domestic.
Thickness of Seam: 5 feet. Thickness of Cover: 15 feet.

Daniel Colonel (Mine No. 971)

Mine Office: Camrose.
Overman: D. Colonel.
Mine Surveyor: L. C. Stevens.
Location of Mine: S.E. $\frac{1}{4}$, Sec. 28, Tp. 46, Rge. 20, W. 4th Mer.
Area: 160 Acres. Character of Coal: Domestic.
Thickness of Seam: 4 feet. Thickness of cover: 80 feet.

Vitaly & Lavorato (Mine No. 1041)

Mine Office: Wetaskiwin.
Overman: Mike Vitaly.
Location of Mine: L.S. 6, Sec. 10, Tp. 45, Rge. 24, W. 4th Mer.
Area: 40 acres. Character of Coal: Domestic.
Thickness of Seam: 5 feet, 6 inches. Thickness of Cover: 80 feet.

C. A. Fergstad (Mine No. 1055)

Mine Office: Round Hill.
Location of Mine: L.S. 10, Sec. 30, Tp. 48, Rge. 18, W. 4th Mer.
This mine is now abandoned.

Olaf Larson (Mine No. 1072)

Mine Office: Jarrow.
Location of Mine: L.S. 1, Sec. 15, Tp. 45, Rge. 10, W. 4th Mer.
This mine is now abandoned.

W. H. Wall (Mine No. 1101)

Mine Office: R.R. No. 1, Camrose.
Location of Mine: S.E. $\frac{1}{4}$, Sec. 29, Tp. 46, Rge. 19, W. 4th Mer.
Area: 100 acres. Character of Coal: Domestic.
Thickness of Seam: 3 feet, 6 inches. Thickness of Cover: 15 to 70 feet.
This mine is being operated as a stripping pit.

Ferguson McKenzie Coal Company Limited (Mine No. 1107)

Mine Office: Ryley.
 Overman: A. Dragon.
 Mine Surveyor: D. Jones.
 Location of Mine: N.E. $\frac{1}{4}$, Sec. 11, Tp. 49, Rge. 18, W. 4th Mer.
 Area: 160 acres. Character of Coal: Domestic.
 Thickness of Seam: 5 feet, 6 inches. Thickness of Cover: 18 feet.

M. D. Stutzman (Mine No. 1143)

Mine Office: Kingman.
 Location of Mine: S.W. $\frac{1}{4}$, Sec. 15, Tp. 49, Rge. 19, W. 4th Mer.
 This mine is now abandoned.

National Collieries Limited (Mine No. 1166)

Mine Office: Round Hill.
 Head Office: 517 P. Burns Building, Calgary.
 Authorized Capital: \$30,000.00.
 President: J. H. Shinnick.
 Secretary-Treasurer: W. McKinnon.
 General Manager: A. Albertson.
 Manager: W. T. Gotheridge.
 Mine Surveyor: D. Jones.
 Location of Mine: L.S. 4, Sec. 30, Tp. 48, Rge. 18, W. 4th Mer.
 Area: 120 acres. Character of Coal: Domestic.

John W. Walker (Mine No. 1174)

Mine Office: Wainwright
 Overman: John Walker
 Location of Mine: L.S. 4, Sec. 19, Tp. 46, Rge. 6, W. 4th Mer.
 Area: 40 acres. Character of Coal: Domestic.
 Thickness of Seam: 2 feet, 3 inches.
 This mine is entered by drifts driven in on the coal from the east bank of the Battle River.

S. D. McDermid (Mine No. 1186)

Mine Office: Millet.
 Overman: S. D. McDermid.
 Location of Mine: N.W. $\frac{1}{4}$, Sec. 20, Tp. 48, Rge. 25, W. 4th Mer.
 Area: 20 acres. Character of Coal: Domestic.

TOFIELD DISTRICT—DISTRICT NO. 29

J. J. McDevitt (Mine No. 149)

Mine Office: Tofield.
 Overman: J. J. McDevitt.
 Mine Surveyor: C. C. Sutherland.
 Location of Mine: S.W. $\frac{1}{4}$, Sec. 24, Tp. 50, Rge. 19, W. 4th Mer.
 Area: 40 acres. Character of Coal: Domestic.
 Thickness of Seam: 8 feet. Thickness of Cover: 14 feet.

Tofield Coal Company Limited (Mine No. 252)

Mine Office: Tofield.
 Head Office: Benson Block, Edmonton.
 Authorized Capital: \$250,000.00.
 President: Robert Lee.
 Vice-President: W. I. Crafts.
 Directors: R. Lee, W. I. Crafts, C. Gallinger.
 Secretary-Treasurer: C. Gallinger.
 Mine Surveyor: A. Driscoll.
 Location of Mine: N. $\frac{1}{2}$, Sec. 26, Tp. 50, Rge. 19, W. 4th Mer.
 Area: 640 acres. Character of Coal: Domestic.
 Thickness of Seam: 7 feet, 6 inches. Thickness of Cover: 16 feet.
 This mine is worked as a stripping pit.

The Dobell Coal Company Limited (Mine No. 340)

Mine Office: Tofield.
 Head Office: 138 St. Peters St., Que.
 Authorized Capital: \$50,000.00.
 President: W. M. Dobell.
 Vice-President: A. E. Doucet.
 Directors: W. M. McPherson, Lorenzo Evans, R. Reid Dobell, T. R. Henderson.
 Secretary-Treasurer: F. O. Judge.
 Managing Director and Mine Surveyor: T. R. Henderson.
 Location of Mine: S E. $\frac{1}{4}$, Sec. 35, Tp. 50, Rge. 19, W. 4th Mer.
 Area: 240 acres. Character of Coal: Domestic.
 Thickness of Seam: 8 feet. Thickness of Cover: 14 feet.
 This mine is worked as a stripping pit.

G. H. Swift (Mine No. 1069)

Mine Office: Hairy Hill.
 Location of Mine: L.S. 2, Sec. 24, Tp. 55, Rge. 14, W. 4th Mer.
 This mine is abandoned

Bardo Coal Company Limited (Mine No. 1172)

Mine Office: Box 118, Tofield.
 Overman: Daniel Jones.
 Location of Mine: S.W. $\frac{1}{4}$, Sec. 23, Tp. 50, Rge. 19, W. 4th Mer.
 Area: 160 acres. Character of Coal: Domestic.
 Thickness of Seam: 5 feet, 9 inches. Thickness of Cover: 52 feet.
 This mine is entered by shafts 52 feet deep, a new tippie and screening facilities have been erected.

CLOVER BAR DISTRICT—DISTRICT NO. 30

Humberstone Mines Limited (Mine No. 43)

Mine Office: Beverly.
 Authorized Capital: \$30,000.00.
 President: G. H. Bilson.
 Vice-Presidents: C. E. Laderout, K. S. Campbell.
 Secretary: H. S. Southgate.
 Manager: Norman Fraser.
 Mine Surveyor: R. H. Cautley.
 Overman: Thomas Adams.
 Location of Mine: L.S. 15, Sec. 7, Tp. 53, Rge. 23, W. 4th Mer.
 Area: 200 acres. Character of Coal: Domestic.
 Thickness of Seam: 7 feet. Thickness of Cover: 50 to 125 feet.
 No improvements or additions were made during the year.

Bush Mine Coal Company Limited (Mine No. 46)

Mine Office: Beverly.
 Authorized Capital: \$45,000.00.
 President: C. E. Laderout.
 General Manager: H. S. Southgate.
 Superintendent: K. S. Campbell.
 Manager and Mine Surveyor: Norman Fraser.
 Secretary-Treasurer: H. S. Southgate.
 Overman and Examiner: R. Hedges.
 Location of Mine: River Lot 42, Edmonton Settlement.
 Area: 210 acres. Character of Coal: Domestic.
 Thickness of Seam: 4 feet, 6 inches. Thickness of Cover: 50 to 120 feet.

Keith & Fulton (Mine No. 69)

Mine Office: Clover Bar.
 Overman: Sam Finlay.
 Mine Surveyor: A. C. Dunn.
 Location of Mine: L.S. 16, Sec. 7, Tp. 53, Rge. 23, W. 4th Mer.
 Area: 40 acres. Character of Coal: Domestic.
 Thickness of Seam: 7 feet. Thickness of Cover: 9 to 100 feet.

Fraser-McKay Collieries Limited (Mine No. 90)

Mine Office: Clover Bar.
 Head Office: 10055 101st St., Edmonton.
 Authorized Capital: \$20,000.00.
 President: Norman Fraser.
 Vice-President and General Manager: W. C. McKay.
 Manager and Mine Surveyor: Norman Fraser.
 Overman: R. Dalziel.
 Location of Mine: L.S. 12, Sec. 8, Tp. 53, Rge. 23, W. 4th Mer.
 Area: 160 acres. Character of Coal: Domestic.
 Thickness of Seam: 7 feet. Thickness of Cover: 100 feet.

R. P. Ottewell (Mine No. 91)

Mine Office: Clover Bar.
 Overman: W. J. Ottewell.
 Mine Surveyor: L. C. Stevens.
 Location of Mine: S.W. $\frac{1}{4}$, Sec. 17, Tp. 53, Rge. 23, W. 4th Mer.
 Area: 140 acres. Character of Coal: Domestic.
 Thickness of Seam: 6 feet. Thickness of Cover: 80 feet.

Great West Coal Company Limited (Mine No. 99)

Mine Office: Clover Bar.
 Head Office: 10126 101a Avenue, Edmonton.
 Authorized Capital: \$150,000.00.
 President: J. C. Dunn.
 Directors: W. S. Cupples, J. C. Dunn, A. C. Dunn.
 Secretary-Treasurer: Thos. S. Campbell.
 Manager and Mine Surveyor: A. C. Dunn.
 Overman: John Russell.
 Examiners: R. McAndrew, Jas. Chalmers.
 Location of Mine: S.E. $\frac{1}{4}$, Sec. 7, Tp. 53, Rge. 23, W. 4th Mer.
 Area: 1,118 acres. Character of Coal: Domestic.
 Thickness of Seam: 7 feet. Thickness of Cover: 160 feet.

The following additions and improvements have been made to the mine and plant during the year 1924:

An endless rope haulage system, operated by a 50 h.p., D.C. electric motor, has been installed on the slope, the length of haul being 640 feet.

The cars are hauled up the slope by catches which are bolted to the rope at 34 feet centres, these engage the axles of the cars, the speed of rope being 140 feet per minute, the tippie has been re-arranged to suit the new haulage.

The slope has been re-timbered from top to bottom, concrete walls and floor having been built for the full length of the slope.

A drainage tunnel has been driven from the river bank to a large sump inside the mine. This tunnel is driven below the coal seam and is 1,200 feet long and is laid with 6 inch drain tile.

Marcus Coal Mines Limited (Mine No. 699)

Mine Office: Clover Bar.

Head Office: McLeod Building, Edmonton.

Authorized Capital: \$20,000.00.

President: R. L. McIntyre.

Vice-President and General Manager: G. N. McIntyre.

Secretary-Treasurer: O. P. Bush.

Manager and Mine Surveyor: Jas. Darbyshire.

Examiners: Wm. Ashton, Pat. Kelly, W. J. Talbot, R. Hooten, J. T. Burton.

Location of Mine: L.S. 15, Sec. 8, Tp. 53, Rge. 23, W. 4th Mer.

Area: 400 acres.

Character of Coal: Domestic.

Thickness of Seam: 6 feet.

Thickness of Cover: 125 feet.

Mrs. A. J. Davidson (Mine No. 707)

Mine Office: Beverly.

Overman: W. Miller.

Mine Surveyor: J. R. McDonald.

Location of Mine: River Lot 40, Edmonton Settlement.

Character of Coal: Domestic.

Thickness of Seam: 4 feet, 6 inches.

Thickness of Cover: 95 feet.

John Mather (Mine No. 1087)

Mine Office: Beverly.

Location of Mine: River Lot 40, Edmonton Settlement.

This mine is abandoned.

Thomas Mather (Mine No. 1104)

Mine Office: Edmonton.

Location of Mine: N.E. $\frac{1}{4}$, Sec. 36, Tp. 52, Rge. 24, W. 4th Mer.

Area: 40 acres.

Character of Coal: Domestic.

This mine is at present closed.

George & Harry Booth (Mine No. 1167)

Mine Office: Clover Bar.

Overman: Harry Booth.

Location of Mine: L.S. 1, Sec. 18, Tp. 53, Rge. 23, W. 4th Mer.

Area: 30 acres.

Character of Coal: Domestic.

This mine is entered by drifts driven in from the river bank.

EDMONTON DISTRICT—DISTRICT NO. 31

Edmonton Collieries Limited (Mine No. 147)

Mine Office: 92nd Street, Fraser Flats, Edmonton.

Head Office: 10117 102nd St., Edmonton

Authorized Capital: \$50,000.00.

President and General Manager: C. W. Rickard.
 Secretary-Treasurer: C. W. Leonard.
 Overman: J. Brown.
 Mine Surveyor: D. Jones.
 Location of Mine: River Lot 18, Edmonton Settlement.
 Character of Coal: Domestic.
 Thickness of Seam: 6 feet. Thickness of Cover: 100 feet.

The Dawson Coal Company Limited (Mine No. 155)

Head Office: McDougal Court, Edmonton.
 Authorized Capital: \$30,000.00
 General Manager and Secretary-Treasurer: C. A. Hyndman.
 Manager and Mine Surveyor: L. C. Stevens.
 Overman: Thos. Strickland.
 Location of Mine: River Lot 25, Edmonton Settlement.
 Area: 160 acres. Character of Coal: Domestic.

Penn Mine Coal Company Limited (Mine No. 632)

Mine Office: 10631 92nd St., Edmonton.
 Head Office: 10351 82nd Street, Edmonton.
 Authorized Capital: \$50,000.00.
 President: Jas. H. Dowdell.
 Directors: J. H. Starkey, A. N. Singleton, J. H. Dowdell.
 General Manager: J. H. Starkey.
 Manager and Overman: Jas. Clyne.
 Examiners: W. Worthington, J. Hutchinson, D. Thomson.
 Mine Surveyor: D. Jones.
 Location of Mine: River Lot 20, Edmonton Settlement.
 Area: 130 acres. Character of Coal: Domestic.
 Owner of Property: Department of Justice, Ottawa.

Reed & Brown (Mine No. 869)

Mine Office: 74th Street and 109th Avenue, Edmonton.
 President and Manager: Thos. F. Brown.
 Examiner: S. G. Collins.
 Mine Surveyor: L. C. Stevens.
 Location of Mine: River Lot 26, Edmonton Settlement.
 Area: 80 acres. Character of Coal: Domestic.
 Thickness of Seam: 5 feet. Thickness of Cover: 70 to 200 feet.

STRATHCONA DISTRICT—DISTRICT NO. 32

Mrs. Annie G. Berube (Mine No. 29)

Mine Office: Edmonton South.
 Overman: F. Von Hollenmerch.
 Mine Surveyor: L. C. Stevens.
 Location of Mine: L.S. 11, Sec. 25, Tp. 51, Rge. 25, W. 4th Mer.
 Area: 40 acres. Character of Coal: Domestic.
 Thickness of Seam: 5 feet. Thickness of Cover: 115 feet.

Rudolph Brothers (Mine No. 720)

Mine Office: Strathcona.
 Location of Mine: L.S. 13, Sec. 5, Tp. 51, Rge. 25, W. 4th Mer.
 This mine is abandoned.

Kuhnert & Hiller (Mine No. 837)

Mine Office: Strathcona.
Location of Mine: S.W. $\frac{1}{4}$, Sec. 6, Tp. 51, Rge. 25, W. 4th Mer.
This mine is abandoned.

F. Chiarello (Mine No. 868)

Mine Office: R.R. No. 3, Strathcona.
Overman: F. Chiarello.
Mine Surveyor: D. Jones.
Location of Mine: L.S. 4, Sec. 28, Tp. 51, Rge. 25, W. 4th Mer.
Area: 80 acres. Character of Coal: Domestic.
Thickness of Seam: 5 feet, 6 inches. Thickness of Cover: 80 feet.

Thomas Nearney (Mine No. 877)

Mine Office: 10747 75th Avenue, Edmonton.
Overman: T. Nearney.
Mine Surveyor: L. C. Stevens.
Location of Mine: N.W. $\frac{1}{4}$, Sec. 25, Tp. 51, Rge. 25, W. 4th Mer.
Area: 20 acres. Character of Coal: Domestic.
Thickness of Seam: 5 feet. Thickness of Cover: 100 feet.

Ilko Sereda (Mine No. 886)

Mine Office: Leduc.
Overman: M. Sereda.
Location of Mine: L.S. 13, Sec. 26, Tp. 50, Rge. 27, W. 4th Mer.
Area: 20 acres. Character of Coal: Domestic.
Thickness of Seam: 6 feet. Thickness of Cover: 80 feet.

Magnus Pearson (Mine No. 888)

Mine Office: Calmar.
Overman: Magnus Pearson.
Mine Surveyor: D. Jones.
Location of Mine: L.S. 6, Sec. 36, Tp. 50, Rge. 27, W. 4th Mer.
Area: 20 acres. Character of Coal: Domestic.
Thickness of Seam: 6 feet. Thickness of Cover: 100 feet.

Dominic Falvo (Mine No. 922)

Mine Office: R.R. No. 3, Strathcona.
Overman: D. Falvo.
Location of Mine: L.S. 5, Sec. 28, Tp. 51, Rge. 25, W. 4th Mer.
Area: 40 acres. Character of Coal: Domestic.

Fred Hook (Mine No. 950)

Mine Office: Leduc.
Overman: F. Hook.
Mine Surveyor: L. C. Stevens.
Location of Mine: L.S. 5, Sec. 6, Tp. 51, Rge. 25, W. 4th Mer.
Area: 20 acres. Character of Coal: Domestic.
Thickness of Seam: 5 feet. Thickness of Cover: 10 to 90 feet.

Joseph Pickard & Co. (Mine No. 1022)

Mine Office: Ellerslie.
 Overman: Joseph Pickard.
 Mine Surveyor: L. C. Stevens.
 Location of Mine: L.S. 12, Sec. 25, Tp. 51, Rge. 25, W. 4th Mer.
 Area: 20 acres. Character of Coal: Domestic.
 Thickness of Seam: 4 feet. Thickness of Cover: 10 to 115 feet.

Kost Nimko (Mine No. 1034)

Mine Office: 10338 Whyte Avenue, Edmonton South.
 Overman: K. Nimko.
 Mine Surveyor: L. C. Stevens.
 Location of Mine: L.S. 11, Sec. 25, Tp. 51, Rge. 25, W. 4th Mer.
 Area: 40 acres. Character of Coal: Domestic.
 Thickness of Seam: 4 feet. Thickness of Cover: 10 to 115 feet.

W. F. Langford (Mine No. 1091)

Mine Office: R.R. No. 3, Strathcona.
 Location of Mine: L.S. 9, Sec. 26, Tp. 51, Rge. 25, W. 4th Mer.
 This mine is abandoned.

Adolph Knie (Mine No. 1099)

Mine Office: Leduc.
 Overman: A. R. Thomson.
 Mine Surveyor: L. C. Stevens.
 Location of Mine: L.S. 12, Sec. 6, Tp. 51, Rge. 25, W. 4th Mer.
 Area: 40 acres. Character of Coal: Domestic.
 Thickness of Seam: 4 feet, 6 inches. Thickness of Cover: 10 to 110 feet.

Chappen Terris (Mine No. 1123)

Mine Office: Gramania.
 Location of Mine: L.S. 13, Sec. 31, Tp. 50, Rge. 26, W. 4th Mer.
 This mine is abandoned.

Steve Pohlko (Mine No. 1177)

Mine Office: R.R. No. 3, Strathcona.
 Overman: S. Pohlko.
 Location of Mine: N.W. $\frac{1}{4}$, Sec. 25, Tp. 57, Rge. 25, W. 4th Mer.
 Area: 20 acres. Character of Coal: Domestic.

NAMAQ DISTRICT—DISTRICT NO. 33

Dickinson & Knight (Mine No. 101)

Mine Office: Namao.
 Overman: Wm. Dickinson.
 Mine Surveyor: L. C. Stevens.
 Location of Mine: L.S. 13, Sec. 9, Tp. 55, Rge. 24, W. 4th Mer.
 Area: 40 acres. Character of Coal: Domestic.
 Thickness of Seam: 6 feet. Thickness of Cover: 60 feet.
 This mine is entered by a drift from a coulee on the North boundary of the property, it is intended to make connection with the mine formerly operated by the Sturgeon Valley Coal Co. Ltd., and abandoned in 1922.

Frank Smith (Mine No. 389)

Mine Office: Namao.
Overman: Frank Smith.
Mine Surveyor: L. C. Stevens.
Location of Mine: L.S. 16, Sec. 8, Tp. 55, Rge. 24, W. 4th Mer.
Area: 20 acres. Character of Coal: Domestic.
Thickness of Seam: 5 feet, 8 inches. Thickness of Cover: 50 feet.

Kelly Collieries (Mine No. 397)

Mine Office: Namao.
Manager and Overman: E. Sparrow.
Mine Surveyor: A. Driscoll.
Location of Mine: S.E. $\frac{1}{4}$, Sec. 8, Tp. 55, Rge. 24, W. 4th Mer.
Area: 160 acres. Character of Coal: Domestic.
Thickness of Seam: 5 feet. Thickness of Cover: 10 to 90 feet.

Sturgeon Valley Collieries Limited (Mine No. 428)

Mine Office: Namao.
Head Office: Tegler Building Edmonton.
General Manager: A. E. Nickerson.
Manager and Mine Surveyor: L. C. Stevens.
Overman: Levi Parker.
Location of Mine: L.S. 15, Sec. 8, Tp. 55, Rge. 24, W. 4th Mer.
Area: 100 acres. Character of Coal: Domestic.
Thickness of Seam: 5 feet. Thickness of Cover: 60 feet.

William Eccleston (Mine No. 1098)

Mine Office: Namao.
Overman: Wm. Eccleston.
Location of Mine: L.S. 3, Sec. 31, Tp. 54, Rge. 24, W. 4th Mer.
Area: 20 acres. Character of Coal: Domestic.

CARDIFF DISTRICT—DISTRICT NO. 34

Canadian Coal Company Limited (Mine No. 32)

Mine Office: Cardiff.
Head Office: 206 Quebec Bank Building, Edmonton.
Authorized Capital: \$250,000.00.
President: W. S. Campbell, Edmonton.
Vice-President: E. J. Mahar, Edmonton.
Secretary-Treasurer: L. A. Leonard.
Manager and Mine Surveyor: D. Jones.
Overman: W. Gilliland.
Location of Mine: L.S. 11, Sec. 24, Tp. 55, Rge. 25, W. 4th Mer.
Area: 630 acres. Character of Coal: Domestic.
Thickness of Seam: 5 to 10 feet. Thickness of Cover: 40 feet.

North Star Coal Company (Mine No. 129)

Mine Office: Cardiff.
Manager and Mine Surveyor: D. Jones.
Overman: Gus. Ostheidt.
Location of Mine: L.S. 16, Sec. 23, Tp. 55, Rge. 25, W. 4th Mer.
Area: 320 acres. Character of Coal: Domestic.
Thickness of Seam: 16 feet. Thickness of Cover: 40 feet.
Owner of Property: Alberta Coal Mining Company, Limited, Edmonton.

THE MINES BRANCH

J. A. Magwood (Mine No. 926)

Mine Office: Morinville.

Location of Mine: N.E. $\frac{1}{4}$, Sec. 36, Tp. 56, Rge. 26, W. 4th Mer.

This mine is abandoned.

MacDonald, Burdick, Knole & Spence (Mine No. 1043)

Mine Office: Rochester.

Location of Mine: L.S. 10, Sec. 24, Tp. 62, Rge. 24, W. 4th Mer.

This mine is abandoned.

Charles Morris (Mine No. 1113)

Mine Office: 9348 101 A. Avenue, Edmonton (St. Albert).

Location of Mine: River Lot 42, Tp. 54, Rge. 25, W. 4th Mer.

This mine is abandoned.

McKen & Seale (Mine No. 1168)

Mine Office: St. Albert.

Overman: P. Kinpers.

Location of Mine: Block A., Tp. 53, Rge. 26, W. 4th Mer.

A slope has been started but has not reached the coal, the mine at present not being in operation.

WABAMUN DISTRICT—DISTRICT NO. 35

Lakeside Coals Limited (Mine No. 419)

Mine Office: Wabamun.

Head Office: Room 36, Dominion Bank Building, Edmonton.

Authorized Capital: \$300,000.00.

President: E. A. McBain.

Vice-President: G. R. Roberts.

Secretary and Managing Director: W. W. McBain.

Manager and Mine Surveyor: Wm. Foster.

Examiner: W. Harrop.

Overman: H. Villard.

Location of Mine: L.S. 15, Sec. 9, Tp. 53, Rge. 4, W. 5th Mer.

Area: 680 acres.

Character of Coal: Domestic.

Thickness of Seam: 28 feet.

Thickness of Cover: 50 to 150 feet.

An addition to the wash-house has been built.

William Heath (Mine No. 1128)

Mine Office: Fallis.

Location of Mine: S.E. $\frac{1}{4}$, Sec. 28, Tp. 53, Rge. 5, W. 5th Mer.

Area: 20 acres.

Character of Coal: Domestic.

Thickness of Seam: 8 feet.

Thickness of Cover: 40 feet.

This mine is at present closed.

PEMBINA DISTRICT—DISTRICT NO. 36

North American Collieries Limited (Mine No. 227)

Mine Office: Evansburg.

Head Office: 801 Lancaster Building, Calgary.

Authorized Capital: \$1,000,000.00.

President: H. A. Lovett, K C., Montreal.

Vice-President: Hugh Mackay.

Directors: N. Curry, J. M. Mackie.
 Secretary-Treasurer: T. C. Boyd, Calgary.
 Manager: A. B. Howden.
 Overman: Peter Melling.
 Examiners: M. Embree, D. Lamond, J. Melling, W. Birt.
 Mine Surveyor: G. B. Atkins.
 Location of Mine: S.E. $\frac{1}{4}$, Sec. 30, Tp. 53, Rge. 7, W. 5th Mer.
 Area: 10,800 acres. Character of Coal: Domestic.
 Thickness of Seam: 7 feet, 6 inches: Thickness of Cover: 308 feet.

Albert Quist (Mine No. 1084)

Mine Office: Mayerthorpe.
 Location of Mine: L.S. 1, Sec. 14, Tp. 56, Rge. 9, W. 5th Mer.
 Area: 20 acres. Character of Coal: Domestic.

Henry Bergmark (Mine No. 1100)

Mine Office: Mayerthorpe.
 Location of Mine: E. $\frac{1}{2}$, L.S. 10, Sec. 22, Tp. 57, Rge. 9, W. 5th Mer.
 Area: 40 acres. Character of Coal: Domestic.
 Thickness of Seam: 4 feet. Thickness of Cover: 20 to 50 feet.
 This mine is at present closed.

Keystone Collieries (Mine No. 1171)

Mine Office: Gainford.
 Overman: R. Rawlinson.
 Location of Mine: S.E. $\frac{1}{4}$, Sec. 34, Tp. 53, Rge. 6, W. 5th Mer.
 Character of Coal: Domestic.
 This mine is at present closed.

JASPER PARK DISTRICT—DISTRICT NO. 37

Blue Diamond Coal Company Limited (Mine No. 429)

Mine Office: Brule Mines.
 Head Office: Toronto, Ontario.
 Authorized Capital: \$1,500,000.00.
 President: J. P. Bickell.
 Vice-President: W. J. Sheppard.
 Secretary-Treasurer: Balmer Neilly.
 Directors: J. P. Bickell, W. J. Sheppard, J. B. Tudhope, D. H. McDougall,
 N. J. Miller, Jos. Errington.
 Manager: Wm. G. Heeley
 Overman: Thos. Carr.
 Mine Surveyor: C. H. Cummings.
 Examiners: S. Reid, J. Logan.
 Location of Mine: L.S. 1, Sec. 16, Tp. 50, Rge. 27, W. 5th Mer.
 Area: 2,560 acres. Character of Coal: Bituminous

The following improvements and additions have been made to the mine during the year:

A cross measure incline has been driven connecting the slope workings with the basin of the seam formerly worked in the high level.

The coal cleaning arrangements on the tibble have been improved and a 375 K.W. Bellis-Morcom generator installed in the power house.

YELLOWHEAD DISTRICT—DISTRICT NO. 33

Sterling Collieries Limited (Mine No. 769)

Mine Office: Sterco, A.C.B., C.N.R.
 Head Office: 911 McLeod Bldg., Edmonton.
 Authorized Capital: \$3,000,000.00.
 Chairman of Board: Geo. B. O'Connor.
 General Manager: R. M. Halpenny.
 Assistant General Manager: G. E. Winkler.
 Superintendent: W. F. Stevenson.
 Treasurer: C. B. Munson.
 Secretary: F. J. Mitchell.
 Mine Surveyor: W. H. Duggan.
 Location of Mine: L.S. 2, Sec. 35, Tp. 47, Rge. 20, W. 5th Mer.
 Area: 320 acres. Character of Coal: Sub-Bituminous.
 Thickness of Seam: 200 feet. Thickness of Cover: 8 to 30 feet.

The following improvements and additions have been made to the mine during the year:

A 35 h.p. boiler has been installed in the power house; a coal hopper has been built and screen installed at the tippie.

Two bunkhouses and two cottages have been built.

Foothills Collieries Limited (Mine No. 771)

Mine Office: Foothills.
 Head Office: 228 Portage Ave., Winnipeg, Man.
 Authorized Capital: \$300,000.00.
 President: A. E. Windatt.
 Vice-President: E. H. Bennest.
 Secretary-Treasurer: C. D. Shepard.
 Superintendent: W. B. Onions.
 Directors: Hon. S. R. Vereker, F. S. Andrews.
 Manager: John John.
 Mine Surveyor: Jas. A. H. Church.
 Location of Mine: L.S. 10 Sec. 24, Tp. 47, Rge. 20, W. 5th Mer.
 Area: 320 acres. Character of Coal: Sub-Bituminous.
 Thickness of Seam: 17 feet. Thickness of Cover: 20 to 200 feet.
 The slope has been extended 300 feet.

Balkan Coal Company Limited (Mine No. 775)

Mine Office: Balkan P.O.
 President: Geo. Bulaic.
 Secretary: Frank K. Krznarich.
 Overman: Evan Richards.
 Mine Surveyor: L. C. Stevens.
 Location of Mine: L.S. 3, Sec. 14, Tp. 49, Rge. 21, W. 5th Mer.
 Area: 960 acres. Character of Coal: Sub-Bituminous.

Superior Collieries Limited (Mine No. 833)

Mine Office: Lovettville.
 Head Office: Edmonton.
 Authorized Capital: \$30,000.00.
 President and Managing Director: S. Mantesso.
 Vice-President: Giuseppe Baratta.
 Secretary-Treasurer: J. Dalfonso.
 Overman: R. Rawlinson.
 Mine Surveyor: O. L. Puckett.
 Location of Mine: L.S. 6, Sec. 16, Tp. 47, Rge. 19, W. 5th Mer.
 Area: 160 acres. Character of Coal: Sub-Bituminous.

*Saunders Ridge Coal Company Limited (Mine No. 846)**(Formerly operated by McLeod River Hard Coal Company Limited)*

Mine Office: Mercoal via Coalspur.

Head Office: Coleman.

President: Fitzhugh Burns.

Vice-President: Geo. Kellock.

Secretary-Treasurer: A. F. Short.

Directors: James A. Nowell, Luman C. Simmons, Henry A. Theony, W. G. Edberg.

Manager: Allan Hamilton.

Examiner: Thomas Thompson.

Mine Surveyor: W. E. G. Hall.

Location of Mine: L.S. 5, Sec. 25, Tp. 48, Rge. 22, W. 5th Mer.

Area: 760 acres.

Character of Coal: Sub-Bituminous.

Thickness of Seam: 16 feet.

Thickness of Cover: 100 feet.

This mine is entered by a slope driven on the full pitch of the seam, viz.: 34 degrees, with levels driven to the east at 200 and 500 feet respectively. The system of working is room and pillar across the pitch.

The following improvements and additions have been made to the mine and plant during the year 1924:

The slope has been extended for a distance of 300 feet.

A building 36 feet by 84 feet, constructed of hollow tile, has been erected to be used as a boiler and power house in which is installed two 150-horse-power Scotch marine type boilers.

1-20 ft. feed water heater, 1-85 K.W. electric generator, 1-400 cubic feet air compressor, 1-85 h.p. electric hoist. A steel tippie has been erected, equipped with Marcus and Rotary screens to make five sizes of coal and with three loading tracks, a one hundred ton capacity railroad scale has been installed.

Vitaly Company Limited (Mine No. 896)

Mine Office: Blackstone.

Location of Mine: L.S. 5, Sec. 16, Tp. 47, Rge. 19, W. 5th Mer.

Area: 80 acres.

Character of Coal: Sub-Bituminous.

This mine is being operated as a stripping pit.

Coal Valley Mining Company Limited (Mine No. 1002)

Mine Office: Prattville, via Edson.

Head Office: 806 McLeod Building, Edmonton.

Authorized Capital: \$1,000,000.00.

Vice-President: J. H. McGregor.

Managing Director: Leon Bureau.

Secretary-Treasurer: C. E. Barry.

Directors: Hon. Rudolphe Lemieux, Leon Mercier-Gouin, LL.D., Count

H. de Liedekerke Beaufort, R. L. McIntyre, G. N. McIntyre, H. R.

McGregor, C. E. Barry, J. H. McGregor, John Mackrell, Vernard H.

McIntyre, Mitchell Laglenne.

Superintendent: C. E. Davignon.

Mine Surveyor: J. A. H. Church.

Master Mechanic: M. W. Urquhart.

Location of Mine: L.S. 16, Sec. 26, Tp. 47, Rge. 20, W. 5th Mer.

Area: 2,964 acres.

Character of Coal: Sub-Bituminous.

The following improvements and additions have been made to the plant and mine during the year:

1-150 h.p. return tubular boiler, a wash-house equipped with sprays, also an addition to the machine shop has been erected

J. Sobotin & Company (Mine No. 1014)

Mine Office: Blackstone Mines P.O.

Overman: H. Hunter.

Mine Surveyor: W. H. Duggan.

Location of Mine: S.E. ¼, Sec. 29, Tp. 47, Rge. 19, W. 5th Mer.

Area: 100 acres.

Character of Coal: Sub-Bituminous.

*Corona Coal Company (Mine No. 1078)**(Formerly operated by The Wellington Coal Company)*

Mine Office: Blackstone P.O.
 President: P. Ruzzie.
 Vice-President: Tony Mucci.
 Secretary-Treasurer: G. E. Deere.
 Overman: J. Brady.
 Location of Mine: Sec. 19, Tp. 47, Rge. 19, W. 5th Mer.
 Area: 300 acres. Character of Coal: Sub-Bituminous.
 Thickness of Seam: 10 feet. Thickness of Cover: 20 to 60 feet.

Bryan Coal Company Limited (Mine No. 1157)

Mine Office: Robb, via Edson.
 Head Office: Adams Building, Edmonton.
 President: James H. Bryan.
 Vice-President: C. J. Robinson.
 Manager and Mine Surveyor: J. R. MacDonald.
 Location of Mine: L.S. 11, Sec. 15, Tp. 49, Rge. 21, W. 5th Mer.
 Area: 580 acres. Character of Coal: Sub-Bituminous.
 Thickness of Seam: 9 feet.

The mine is entered by a slope driven on the full pitch of the seam which is 30 degrees, levels being turned off both sides of the slope.

There has been installed a boiler and hoist, also an air compressor. A building has been erected for use as a boiler and power house, also a tippie, two bunkhouses and a dining room.

Connection has been made to the Coal Branch of the C.N. Railway by a spur 4,000 feet long, also sidings have been constructed at the tippie.

MOUNTAIN PARK DISTRICT—DISTRICT NO. 39

*Mountain Park Collieries Limited (Mine No. 282)**(Formerly operated by Mountain Park Coal Company Limited)*

Mine Office: Mountain Park.
 Head Office: 708 Tegler Building, Edmonton.
 Authorized Capital: \$3,000,000.00.
 President: Lieut.-Col. Alex. Mitchell, Luscar, Scotland.
 Board of Directors: Chairman, Lieut.-Col. A. Mitchell, David McCowan,
 R. W. Jones, G. R. F. Kirkpatrick, R. G. Drinnan, J. C. Dunn, Col.
 M. E. Lindsay, D.S.O.
 Managing Directors: R. G. Drinnan, J. C. Dunn.
 Secretary: J. C. Dunn.
 Manager: A. N. Scott.
 Overman: Wm. Robinson.
 Mine Surveyor: G. W. Lewis.
 Examiners: G. Thom, J. Price, J. Oakley.
 Location of Mine: Sec. 33, Tp. 45, Rge. 23, W. 5th Mer.
 Area: 5,120 acres. Character of Coal: Bituminous.

The rock tunnel has been driven 1,200 feet during the year, opening up a seam of coal 5 feet, 6 inches thick.

Cadomin Coal Company Limited (Mine No. 693)

Mine Office: Cadomin.
 Head Office: 282 Main Street, Winnipeg, Man
 Authorized Capital: \$2,000,000.00.
 President: F. L. Hammond, Banff, Alta
 Secretary-Treasurer: Miss E. M. Powley.
 Directors: W. J. Dick, F. L. Hammond, T. M. Burnett, Miss Powley.
 General Manager: W. J. Dick, 311 McLeod Bldg., Edmonton.

Manager: J. H. McMillan.
 Overman: E. Coupland.
 Assistant Overman: J. Roberts, G. Nicol, P. McKenna.
 Mine Surveyor: A. L. Clement.
 Examiners: J. Higgins, T. Shaw, R. Muir.
 Location of Mine: L.S. 14, Sec. 31, Tp. 46, Rge. 23, W. 5th Mer.
 Area: 4,000 acres.

Character of Coal: Bituminous.

The mine is entered by a rock tunnel driven parallel to the seam to which connection is made by means of short cross measure tunnels. A raise has been put to the surface from the main rock tunnel; off this raise a counter tunnel is being driven parallel to the main tunnel for ventilation purposes.

The rock tunnel has been driven 900 feet.

Luscar Collieries Limited (Mine No. 905)

Mine Office: Luscar.
 Head Office: 708 Tegler Building, Edmonton.
 Authorized Capital: \$1,000,000.00.
 President: Lieut.-Col. Alex. Mitchell, Scotland.
 Vice-President: R. G. Drinnan.
 Directors: A. Mitchell, David McCowan, R. G. Drinnan, Col. M. E. Lindsay, D.S.O., A. C. Dunn, J. C. Dunn.
 Secretary: J. C. Dunn.
 Managing Directors: R. G. Drinnan, J. C. Dunn.
 Manager: W. B. Hetherington.
 Overman: Thomas Shaw.
 Mine Surveyor: J. W. Lewis.
 Examiners: D. Cameron, W. Morgan, W. Pickles, T. Harrison, A. C. Brovey.
 Location of Mine: Sec. 23, Tp. 47, Rge. 24, W. 5th Mer.
 Area: 5,000 acres.

Character of Coal: Bituminous.

The following improvements and additions have been made to the plant and mine during the year 1924:

A new building has been erected for use as a boiler and power house, in which have been installed two 150 h.p. boilers, with a vertical type feed water heater; also a 187 K.V.A. electric generator and engine. A steel and concrete tippie equipped with Marcus screen picking table, rotary dumps, rock conveyor and Ottumwa box car loader. The plant having a capacity of 2,000 tons in eight hours.

A 150 ton capacity railroad track scale and additional railroad sidings have been installed.

Four cottages and a community hall have been erected.

PEACE RIVER DISTRICT—DISTRICT NO. 40

James Howarth (Mine No. 1118)

Mine Office: Halcourt.
 Overman: Jas. Howarth.
 Location of Mine: S.W. $\frac{1}{4}$, Sec. 25, Tp. 70, Rge. 11, W. 6th Mer.
 Area: 20 acres.
 Thickness of Seam: 3 feet, 4 inches.

Character of Coal: Domestic.
 Thickness of Cover: 120 feet.

Samuel Drociuck (Mine No. 1119)

Mine Office: Halcourt.
 Location of Mine: L.S. 1, Sec. 21, Tp. 70, Rge. 10, W. 6th Mer.
 This mine is at present closed.

Adolph Hugel (Mine No. 1120)

Mine Office: Grande Prairie.
 Location of Mine: L.S. 14, Sec. 25, Tp. 70, Rge. 7, W. 6th Mer.
 This mine is at present closed.

John Arac (Mine No. 1121)

Mine Office: Sexsmith.
Location of Mine: Sec. 8, Tp. 75, Rge. 3, W. 6th Mer.
This mine is at present closed.

Grant Belangee (Mine No. 1134)

Mine Office: Halcourt.
Overman: R. Dunbar.
Location of Mine: L.S. 1, Sec. 21, Tp. 70, Rge. 10, W. 6th Mer.
Area: 20 acres. Character of Coal: Domestic.
Thickness of Seam: 30 inches. Thickness of Cover: 60 feet.

James Hammond (Mine No. 1148)

Mine Office: Whitecourt.
Location of Mine: L.S. 7, Sec. 5, Tp. 59, Rge. 11, W. 5th Mer.
This mine is at present closed.

Wapiti Coal Company (Mine No. 1176)

Mine Office: Grande Prairie.
Overman: Adolph Hugel.
Location of Mine: L.S. 7, Sec. 21, Tp. 70, Rge. 7, W. 6th Mer.
Area: 20 acres. Character of Coal: Domestic.
Thickness of Seam: 21 inches.
This mine is entered by drifts driven in from the banks of the Wapiti River.

The following table shows the number of Mines, opened, abandoned and re-opened according to Districts and kind of Coal, during the year:

Districts		Kind of Coal	Mines in Operation December 31st	Opened during the year.	Abandoned during the year.	Re-opened during the year.	Closed at Dec. 31, but not abandoned	Name and address of District Inspector
Name	No.							
Crow's Nest P.	1	Bituminous	9	2	1	3	3	Moses Johnson, Blairmore, Alta. Teleph. No. 70.
Pincher Creek	2	Sub-Bit.	8	3	3	1	2	
Lethbridge ...	3	Domestic	19	1	3	1	3	Jos. B. deHart, Box 307, Lethbridge, Alta. Teleph. No 325.
Magrath	4	Domestic	4	...	2	1	2	
Milk River...	5	Domestic	10	2	7	2	2	
Taber	6	Domestic	11	2	7	...	2	
Bow Island...	7	Domestic	12	1	3	...	...
Medicine Hat.	8	Domestic	7	1	4	...	1	
Aldersyde ...	9	Domestic	11	4	1	...	1	
High River...	10	Sub-Bit.	8	2	...	...	...
Brooks	21	Domestic	5	1	1	1	1	
Gleichen	14	Domestic	8	...	3	1	1	Duncan McDonald Drumheller, Alta. Teleph. No. 413.
Drumheller...	15	Domestic	15	2	2	...	2	
Rosedale	16	Domestic	6	...	2	2	2	
Wayne	17	Domestic	7	2	2	...	2	
Big Valley...	18	Domestic	7	...	3	...	...
Hanna	22	Domestic	19	2	4	1	3	
Carbon	26	Domestic	7	1	1	2	7	
Calgary	11	Sub-Bit.	5	4	Michael Cranston, Box 227, Camrose, Alta. Teleph. No. 72.
Canmore	12	Bituminous	1	1	...	...	1
Banff	13	Anthracite	...	...	...	...	...
Lacombe	23	Domestic	15	3	6	1	5	
Trochu	24	Domestic	15	7	8	...	10	
Three Hills...	25	Domestic	4	...	...	...	...
Battle River..	27	Domestic	23	3	9	...	5	
Camrose	28	Domestic	14	4	3	1	2	
Tofield	29	Domestic	4	1	1	...	...
Peace River ..	40	Domestic	4	3	...	...	3
Clover Bar...	30	Domestic	9	1	1	1	1	Jas. A. Richards, Edmonton, Alta. Teleph. 1089.
Edmonton ...	31	Domestic	4	...	...	...	...
Strathcona ...	32	Domestic	11	2	6	...	...
Namoo	33	Domestic	5	...	...	1	...
Cardiff	34	Domestic	2	1	2	...	1	
Saunders	19	Sub-Bit.	4	1	1	...	...
Brazeau	20	Bituminous	1	Thomas Horne, Edson, Alta. Teleph. 35, Res.
Wabamun...	35	Domestic	1	...	...	...	1
Pembina ...	36	Domestic	2	2	...	...	3
Jasper Park ..	37	Bituminous	1	...	1	...	...
Yellowhead ...	38	Sub-Bit.	8	1	...	...	2
MountainPark	39	Bituminous	3	...	...	...	...
Total			309	60	87	19	68	

In addition to the above, Mr. James A. Richards (11009 89th Ave., Edmonton) is acting in the capacity of General District Inspector of Mines. Telephone No. 3662.

LIST OF MINES—(Continued)

Mine No.	Operator	Address	District No.	Location			Character of Coal	Date of		
				S.	T.	R. M.		Open- ing	Aban- don- ment	Re- open- ing
1089	Acadia Coal Co., Ltd.	Drumheller	16	F.	1/2	27	Domestic	1923	1924	....
1106	Allen, Ralph	Cornucopia	23	L.S.	2	5	Domestic	1923	....	....
1121	Arac, J.	Sexsmith	40		8	37	Domestic	1923	....	....
1139	Armstrong & Corkish	Lomond	9	L.S.	1	75	Domestic	1924	....	....
24	Ballantyne, James	Strathcona	32	L.S.	1	33	Domestic	1924	1923	....
25	Banach & Hoyack	Strathcona	32	L.S.	12	20	Domestic	1897	1899	....
26	Bailey, Robert	St. Albert	33	S.S. Sask. River	51	25	Domestic	1897	1899	....
29	Berube, Mary G. (Mrs.)	Edmonton S.	32	Near St. Albert.			Domestic	1897	1898	....
34	Bangs, J. A.	Edmonton	10	L.S.	11	25	Domestic	1897	1900	....
45	Baldwin, J.	Edmonton	31	On Sheep Creek.			Sub-Bituminous	1897	1900	....
46	Bush Mine Coal Co., Ltd.	Beverly	30	Near Edmonton.			Domestic	1900	1905	....
56	Baker, R. J.	Magrath	4	R.L.	42	53	Domestic	1905	1921	1923
72	Blackfoot Indians	Gleichen	14	L.S.	2	7	Domestic	1909	1921	....
82	Bay Coal Co., Ltd.	Taber	6	Indian Reserve.			Domestic	1902	1916	1922
117	Bothamley, C. F.	Three Hills	25	L.S.	11	8	Domestic	1906	1908	....
137	Bennett, Isaac	Reid Hill	9	L.S.	10	22	Domestic	1906	1908	....
143	Bell, W. J.	Bowville	31	N.W.	1/4	4	Domestic	1907	1915	....
154	Belmont Coal Co.	Edmonton	23	N.E.	1/4	25	Domestic	1907	1913	....
167	Ben Nevis Mines, Ltd.	Nevis	23	L.S.	7	24	Domestic	1908	1908	....
168	Beaver Dam Coal Co.	Nevis	23	S.F.	1/4	11	Domestic	1908	1908	....
176	Bradshaw Mining Co.	Magrath	4	N.E.	1/4	2	Domestic	1908	1913	....
179	Balog, Steve	Milk River	5		2	7	Domestic	1908	1913	....
189	Balogh, A.	Carbon	26	L.S.	2	6	Domestic	1908	1913	....
206	Burdett City Coal Co.	Burdett	7	L.S.	6	3	Domestic	1909	1916	1922
229	Berford, Edward	Taber	6	L.S.	23	10	Domestic	1909	1910	....
232	Bawlf Colls., Ltd.	Bawlf	28	L.S.	11	18	Domestic	1910	1917	....
234	Baker, Hodge & Baker	Eyremore	21		10	46	Domestic	1910	1916	....
237	Banner Coal Co., Ltd.	Cardiff	34	L.S.	11	17	Domestic	1910	1916	....
244				L.S.	5	24	Domestic	1910	1923	....

LIST OF MINES—(Continued)

Mine No.	Operator	Address	District No.	Location			Character of Coal	Date of	
				S.	T.	W. of R. M.		Open- ing	Aban- don- ment
240	Bitterman, Jacob	Halkirk	23	N.W. 1/4	32	39	Domestic	1910	1923
245	Bish Bros. & LeGea	Forestburg	27	L.S. 13	36	40	Domestic	1910	1913
248	Bish Bros. & Co.	Hastings Coulee	27	L.S. 4	1	41	Domestic	1910	1913
256	Brazeau Colls., Ltd.	Nordegg	20	L.S. 13	22	40	Bituminous	1910	1913
284	Big Chief Coal Min. Co., Ltd.	Kimball	5	N.W. 1/4	9	1	Domestic	1911	1916
288	Baines, H.	Gadsby	23	S.E. 1/4	28	39	Domestic	1911	1913
300	Bullock Coal Mining Co.	Pincher Creek	2		16	6	Sub-Bituminous	1911	1913
302	Battle River Colls.	Rosenroll	28		7	46	Domestic	1911	1917
305	Bonnie Brae Coal & Quarries	Cochrane	12		6	26	Bituminous	1911	1912
306	Bennie, James S.	Lucky Strike	5		3	3	Domestic	1911	1914
328	Burchell, Wilson	Huxley	24	S.W. 1/4	13	34	Domestic	1911	1919
345	Consolidated with 732	Row Island	7	L.S. 13	6	8	Domestic	1912	1916
356	Brown, Moses	Medicine Hat	8	N.E. 1/4	28	12	Domestic	1912	1916
364	Big Valley Colls., Ltd.	Big Valley	18	N.W. 1/4	1	36	Domestic	1912	1916
365	British Colls., Ltd.	Red Deer	20		5	43	Bituminous	1912	1913
372	Bathurst Mining Co., Ltd.	Diamond City	3		5	10	Domestic	1912	1915
388	Bighorn & Saunders Creek Colls., Ltd.	Saunders	19	N.E. 1/4	24	40	Sub-Bituminous	1913	1916
391	Block Coal Colls., Ltd.	Taber	6		19	10	Domestic	1913	1916
401	Black, William	Lucky Strike	5	L.S. 8	10	3	Domestic	1913	1914
404	Bergam, F.	Halkirk	23		18	39	Domestic	1913	1915
406	Consolidated with No. 433	Lineham	10		2	20	Sub-Bituminous	1913	1920
415	Brocklebank, George	Parr	22	L.S. 4	5	29	Domestic	1913	1924
416	Burns Coal Mines, Ltd., P.	Calgary	12	L.S. 5	14	19	Bituminous	1913	1919
421	Consolidated with No. 881	Groton	5	L.S. 10	10	3	Domestic	1913	1924
429	Blue Diamond Coal Co., Ltd.	Brule Mines	37	L.S. 1	16	50	Bituminous	1914	1920
433	Blacklock, David B.	Black Diamond	10	S.E. 1/4	2	20	Sub-Bituminous	1914	1914
435	Bye, E. F.	Lucky Strike	5	L.S. 9	16	3	Domestic	1914	1914
452	Borthwick, Alexander	Pincher Creek	2	S.W. 1/4	17	5	Sub-Bituminous	1914	1918

LIST OF MINES—(Continued)

Mine No.	Operator	Address	District No.	Location			Character of Coal	Date of	
				S.	T.	W. of R. M.		Open- ing	Aban- don- ment
456	Brooks, Edmund J.	Hillsprings	5	L.S.	9	13	4	28	1914
457	Bradley & Watson	Pincher Creek	2	L.S.	4	23	6	30	1914
464	Brooks, Burton T.	Drumheller	15	L.S.	4	26	29	20	1915
485	Black Diamond Oil Fields, Ltd.	Lineham	10	L.S.	3	29	19	4	1915
486	Berg, Frederick	Hanna	22	L.S.	3	29	32	13	1915
619	Ball, Matthew	Breda	24	N.E.	1/4	10	35	21	1915
635	Blair, N. J.	Delburne	24	L.S.	4	7	38	24	1916
646	Bradshaw, James	Garden Plains	22	L.S.	1	1	34	14	1916
647	Briscoe, Frank	Hillsprings	5	L.S.	4	3	4	27	1916
655	Brown, Samuel H.	Halcourt	40	L.S.	6	21	70	7	1918
659	Bennett, Isaac	Armada	9	L.S.	9	29	16	21	1918
689	Bragdich, George	Thelma	8	L.S.	5	18	7	2	1918
700	Brooks, & King	Elcan	6	L.S.	2	10	10	17	1917
716	Bare, W. R.	Maycroft	2	L.S.	9	27	10	3	1917
724	Burnstadt, S. H.	Round Hill	28	S.W.	1/4	14	48	18	1917
731	Bray, Ed.	Alix	24	L.S.	16	33	38	23	1918
732	Breeding, S. B.	Maleb	7	L.S.	13	6	8	10	1918
736	Blacklock, David B.	Lineham	10	L.S.	8	2	20	3	1923
755	Brisco, Frank	Cardston	5	W.	1/2	34	3	26	1923
757	Bow City Coal Co.	Eyrenore	21	S.W.	1/4	32	17	17	1921
774	Britannia Collieries, Ltd.	Wabamun	35	R.A.	7/8	53	4	5	1918
775	Balkan Coal Co., Ltd.	Balkan P. O.	38	L.S.	3	14	49	21	1918
779	Boundary Coal Co.	Pincher Creek	2	N.W.	1/4	17	6	30	1921
780	Brooks, C. T.	Bow Island	7	L.S.	2	1	12	11	1918
781	Bow City Coal Co.	Eyrenore	21	S.W.	1/4	32	16	17	1921
786	Burns Coal Mines Ltd., P.	Calgary	12	L.S.	3	14	19	7	1918
804	Betts, Alma	Manyberries	5	L.S.	9	18	3	6	1923
842	Batie, James A.	Bassano	21	S.W.	1/4	34	20	19	1919

THE MINES BRANCH

LIST OF MINES—(Continued)

Mine No.	Operator	Address	District No.	Location			Character of Coal	Date of		
				S.	T.	W. of R. M.		Open- ing	Aban- don- ment	Re- open- ing
875	Baxter, Robert & E. F.	Rocky Mt. Hs.	19	S.E.	1/4	21	39	7	5	1920
881	Bradley & Walters	Lucky Strike	5	L.S.	11	10	3	11	4	1921
895	Bowden, E. S.	Taber	6	L.S.	8	16	11	16	4	1921
897	Bryan Coal Co.	Lovettville	38	N.	1/2	17	47	19	5	1921
901	Bray, T. L.	Hutton	21	L.S.	15	12	23	15	4	1921
908	Bishop, R. H.	Millet	32	L.S.	1	4	48	27	4	1921
918	Bowie, James I.	Kilpatrick	15	L.S.	5	14	29	21	4	1921
935	Barker, J. H.	Gainford	36	E.	1/2	36	53	6	5	1921
924	Blacklock, D. B.	Longview	10	L.S.	14	8	18	2	5	1921
937	Beck & Caravaggio	Della	22	L.S.	13	21	30	17	4	1921
943	Belmont Coal Co., Ltd.	Edmonton	32	L.S.	3	11	54	24	4	1921
952	Bohme Bros. & Gilles	Forestburg	27	L.S.	4	33	40	15	4	1921
954	Bobier, L.	Lousana	24	L.S.	9	26	36	22	4	1921
955	Bulcourt, Louis	Halkirk	27	L.S.	20	40	15	4	4	1921
957	Blair, Dennis	Delburne	24	L.S.	8	11	38	24	4	1921
962	Bolze, William	Delburne	24	L.S.	5	2	38	24	4	1921
963	Batie, Jas. A.	Milo	9	L.S.	23	18	21	4	4	1921
966	Burt, J. F.	Erskine	23	L.S.	9	10	38	22	4	1921
969	Blades, Jas.	Nevis	24	L.S.	14	10	38	22	4	1921
973	Beaver Coal Co.	Ardley	24	L.S.	16	17	38	23	4	1921
982	Bellamy, J. J.	Edberg	27	L.S.	10	17	44	19	4	1922
988	Bateman & Gent	Hardieville	3	L.S.	16	31	9	21	4	1922
1021	Big Ton Coal & By-Products Co., Ltd.	Big Valley	18	N.W.	1/4	26	35	20	4	1922
1023	Brown, Austin C.	Milo	9	S.W.	1/4	27	12	10	4	1922
1031	Barr, Peter B.	Bow Island	7	L.S.	14	27	19	21	4	1922
1044	Berg & Brown	Alix	24	L.S.	3	29	38	23	4	1922
1045	Pembridge, Jackson & Kurtzvey	Lethbridge	3	L.S.	15	2	8	22	4	1922
1046	Bulcourt, Louis	Halkirk	23	L.S.	6	20	40	15	4	1922

LIST OF MINES—(Continued)

Mine No.	Operator	Address	District No.	Location			Character of Coal	Date of	
				S.	T.	R. M.		Open- ing	Aban- don- ment
1068	Blair, Alphonso	Delburne	24	L.S.	8	11	38	24	1922
1079	Barnwell Community Mining Co.	Barnwell	6	L.S.	1	9	10	17	1923
1088	Bland, Shapley & Bennett	Taber	6		30	10	16	4	1924
1100	Bergmark, Henry	Mayerthorpe	36	L.S.	10	22	57	9	1923
1134	Belangee, Grant	Halcourt	40	L.S.	1	21	70	10	1923
1150	Bourne & Scott	Lethbridge	3	L.S.	5	11	8	22	1924
1157	Bryan Coal Co., Ltd.	Robb P. O.	38	L.S.	11	15	49	21	1924
1165	Beveridge, Alex.	Lucky Strike	5	L.S.	12	6	3	11	1924
1167	Booth, George & Harry	Beverly	30	L.S.	1	18	53	23	1924
1172	Bardo Coal Co., Ltd.	Tofield	29	S.W.	¼	23	50	19	1924
1182	Barwell, George W.	Champion	9	L.S.	13	9	16	21	1924
1188	Berkovich, Philip	Black Diamond	10	L.S.	15	21	19	2	1924
2	Canmore Coal Co., Ltd.	Canmore	12		29	24	10	5	1896
3	Can. Pac. Ry., Dept. Nat. Res.	Hardieville	3	L.S.	15	18	9	21	1895
9	Clover Bar Mine Coal Co.	Beverly	30	L.S.	2	18	53	23	1923
14	Consolidated with No. 9	Beverly	30	L.S.	1	18	53	23	1897
32	Canadian Coal Co., Ltd.	Cardiff	34	L.S.	11	24	55	25	1905
44	Carpenter, Elia	St. Albert	33	S.W.	¼	17	55	24	1902
62	Cresswell, Charles	Medicine Hat	8	Near Medicine Hat.					1899
63	Cameron, John	Okotoks	10		19	26	11	5	1902
62	Can. Pac. Ry., Dept. Nat. Res.	Bankhead	13		2	9	5	4	1904
80	Consolidated Coal Mining Co.	Medicine Hat	8		18	Ed. Sett.			1923
93	Cameron, John	Edmonton	31	R.L.	6	10	21	4	1905
104	Consolidated Diamond Colls., Ltd.	Lethbridge	3	L.S.	6	19	29	23	1904
121	Carbon Brick & Coal Co.	Carbon	26		14	7	10	16	1906
132	Can. Pac. Ry. Co.	Taber	6	L.S.	14	3	10	17	1907
170	Co-operative Coal Co.	Taber	6	L.S.	14	3	10	17	1908
192	City of Lethbridge	Lethbridge	3	L.S.	7	36	8	22	1909

LIST OF MINES—(Continued)

Mine No.	Operator	Address	District No.	Location			Character of Coal	Date of		
				S.	T.	W. of R. M.		Open- ing	Aban- don- ment	Re- open- ing
207	Carbon Hill Coal & Coke Co.	Spokane	1	L.S.	3	6	Bituminous	1909	1913	1915
215	Chappell Coal Co., Ltd.	Tofield R.R. 3	28	S.E.	7	14	Domestic	1909	1911	
230	Cousins, R. W. K.	Cochrane	12	S.E.	1/4	6	Sub-Bituminous	1910	1910	
242	Chambers, George	Kelsey	27	L.S.	3	15	Domestic	1910	1924	
247	Chinook Coal Co., Ltd.	Commerce	3	L.S.	7	12	Domestic	1910		
260	Connor Coal Mining Co., Ltd.	Wabamun	35	S.W.	1/4	14	Domestic	1910	1916	
262	Commonwealth Coal Co.	Sheerness	22	L.S.	2	19	Domestic	1910	1923	
293	Coal Securities, Ltd.	Frank	2		6	2	Bituminous	1911	1913	
339	Collins, Jas. A.	Coalspur	38		33	48	Sub-Bituminous	1912	1913	
349	Callie Coal Co., Ltd.	Drumheller	15	L.S.	14	2	Domestic	1912	1923	
360	Castello, Hans	Standard	14	L.S.	13	2	Domestic	1912		
374	Canadian Dinant Coal Co., Ltd.	Dinant	28	L.S.	9	12	Domestic	1912	1914	
386	Cameron Bros.	Namoo	33	S.W.	1/4	17	Domestic	1913	1915	
387	Cable Bros. & Williams	Gadsby	23	N.W.	1/4	28	Domestic	1913	1916	
420	Clarke & Davis	Namoo	33	S.E.	1/4	8	Domestic	1913	1915	
424	Consumers' Coal Co., Ltd.	Wabamun	35	E.	1/2	30	Domestic	1914	1917	
438	Curran, J. D.	Banff	13		33	25	Anthracite	1914	1918	
459	Chambers, D.	Swatwell	26	S.W.	1/4	15	Domestic	1914	1923	
460	Clemens, P. F.	Gem via Bassano	21	L.S.	4	12	Domestic	1914		
473	Cook, W. R.	Morrin	18	N.E.	1/4	28	Domestic	1915	1916	
492	Cattenach, Donald	Garden Plain	22		6	34	Domestic	1915	1915	
498	Carter, Marvin M.	Castor	23	N.E.	1/4	6	Domestic	1915	1923	
499	Cambrian Coal Co.	Elcan	6	L.S.	2	4	Domestic	1915	1921	
629	Calgary Copper Co., Ltd.	Near Eldon.	13		3	10	Copper Mine	1915	1919	
657	Coldren, Earl	Peace River	40	L.S.	3	28	Domestic	1916	1918	
660	Christopher, J. F.	Gadsby	23	S.E.	1/4	28	Domestic	1916	1922	
680	Chapman, George	Erskine	23	S.E.	1/4	34	Domestic	1917	1917	
691	Cutland, A. J.	Grassy Lake	7	L.S.	15	23	Domestic	1917		

LIST OF MINES—(Continued)

Mine No.	Operator	Address	District No.	Location			Character of Coal	Date of			
				S.	T.	R. M.		Open- ing	Aban- don- ment		
693	Cadomin Coal Co., Ltd.	Cadomin.....	39	L.S.	14	31	46	23	5	1917	.....
695	Caledonian Colls., Ltd.	Drumheller ..	15	L.S.	5	10	29	20	4	1917	.....
722	Christie Oil Co.	Calgary	11	L.S.	1	18	26	5	5	1917	1918
726	Colter, E. C.	Drumheller ..	15	L.S.	16	12	28	19	4	1918	1918
744	Chaley, Mike	Wayne	17	L.S.	7	19	28	19	4	1918	1918
760	Casbeer, W. W.	Round Hill ..	28	L.S.	10	30	48	18	4	1918	.....
767	Consolidated with No. 749	Carbon	26	L.S.	11	15	29	23	4	1918	1920
799	Cooper, H. T.	Lousana	24	N.W.	1/4	24	36	22	4	1919	1924
807	Calvin, Mrs. S. J.	Donalda	27	L.S.	1	29	41	17	4	1919	.....
820	Canadian American Coal Co.	Coleman	1	N.W.	1/4	3	8	5	5	1919	1924
824	Challenger Coal Co.	Ardley	24	N.E.	1/4	20	38	23	4	1919	.....
867	Callie Coal Co., Ltd., The	Drumheller ..	15	L.S.	4	28	51	25	4	1920	1921
868	Chiarello, Frank	Strathcona R.R. 3	32	E.	1/2	29	38	23	4	1920	.....
912	Carbondale Coal Co., Ltd.	Ardley	24	L.S.	8	29	39	16	4	1921	1922
932	Cloutman & Bergren	Gadsby	23	L.S.	1/4	10	19	21	4	1921	1922
941	Creighton, J. J.	Champion	9	N.W.	1/4	10	19	21	4	1921	1922
960	Campbell & Walton	Forrestburg ..	27	L.S.	12	31	40	15	4	1921	.....
965	Comrey Coal Co.,	Comrey	5	L.S.	4	9	2	6	4	1921	.....
971	Colonel, Dan	Camrose	28	S.E.	1/4	28	46	20	4	1922	.....
974	Capital Colls., Ltd.	Wayne	17	L.S.	9	19	28	19	4	1922	.....
985	Cloakey, A. B.	Drumheller ..	15	S.W.	1/4	14	29	20	4	1922	1924
1002	Coal Valley Mining Co., Ltd.	Coal Valley ..	38	L.S.	16	26	47	20	5	1922	.....
1003	Corraini, V.	Maleb	7	L.S.	13	6	8	10	4	1922	.....
1006	Clarke, G. W.	Namoo	33	S.W.	1/4	4	55	24	4	1922	1923
1024	Campbell, C. C.	Delburne	24	L.S.	3	38	22	4	4	1922	1923
1026	Christopher & Anderson	Gadsby	23	L.S.	9	21	39	16	4	1922	1924
1032	Campbell & Walton Bros.	Forrestburg ..	27	L.S.	13	31	40	15	4	1922	.....
1033	Campbell, Robert	Ghost Pine	21	L.S.	6	10	31	22	4	1922	.....

LIST OF MINES—(Continued)

Mine No.	Operator	Address	District No.	Location			Character of Coal	Date of		
				S.	T.	R. M.		Open- ing	Aban- don- ment	Re- open- ing
1036	Cloutman, J. C.	Gadsby	23	L.S.	16	3 40	Domestic	1922	1922	.....
1042	Carlson, John	Heisler	27	L.S.	5	22 42	Domestic	1922	1922	.....
1059	Collins, Wm.	Edmonton S.	32	N.W.	1/4	25 51	Domestic	1922	1923	.....
1078	Corona Coal Co.	Lovett P. O.	38	N.E.	1/4	19 47	Sub-Bituminous	1923	1923	.....
1085	Consolidated with 824	Ardley	24	N.E.	1/4	20 38	Domestic	1923	1923	.....
1092	Central Coal Co. of Leth., Ltd.	Lethbridge	3	L.S.	12	24 9	Domestic	1923	1923	.....
1094	Cooke & Stauffer	Morrin	18	L.S.	1	28 31	Domestic	1923	1924	.....
1115	Craigs Coal Co., Ltd., The	Drumheller	15	L.S.	15	2 29	Domestic	1923	.....	.....
1136	Carter, Ralph	Delburne	24	L.S.	16	2 38	Domestic	1924	.....	.....
1180	Card, Titus	Kelsey	27	L.S.	4	44 18	Domestic	1924	.....	.....
54	Donaldson Coal Co., C. S.	Lethbridge	3	L.S.	5	36 8	Domestic	1902	.....	.....
101	Dickinson & Knight	Namoo	33	L.S.	13	9 55	Domestic	1905	1922	1924
106	Domestic Coal Co.	Taber	6	L.S.	6	1 10	Domestic	1905	1918	.....
152	Driggs, H. A.	Grassy Lake	7	N.E.	1/4	15 10	Domestic	1907	1910	.....
155	Dawson Coal Co., Ltd.	Edmonton	31	River Lot 21, Edm. St.			Domestic	1907	.....	.....
166	Dweak, R. E.	Alix	23		34	38 23	Domestic	1908	1918	.....
173	Duncan, W. E.	Taber	6		29	9 16	Domestic	1908	1909	.....
177	Donkin & Stevens Co.	Edmonton S.	31	R.L.	17	28 52	Domestic	1908	1921	.....
190	Durrant, R. B.	Livingstone	2	N.W.	1/4	36 8	Sub-Bituminous	1909	1910	.....
236	Drowning Ford Coal Co., The	Medicine Hat	8		32	15 5	Domestic	1910	1914	.....
273	Davis & Green	Halkirk	23	L.S.	12	18 39	Domestic	1911	.....	.....
279	Davies, E. T.	Milk River	5	L.S.	3	1 3	Domestic	1911	1923	1924
285	Davis, Thomas	Noble	9	S.E.	1/4	18 11	Domestic	1911	1913	.....
287	Davidson, G. W.	Big Valley	18	S.W.	1/4	36 35	Domestic	1911	1914	.....
290	Davison, R. T.	Big Valley	18	S.W.	1/4	36 35	Domestic	1911	1914	.....
298	Consolidated with 290	Big Valley	18	S.W.	1/4	36 35	Domestic	1911	1914	.....
326	Davis, W. M.	Scollard	18	S.W.	1/4	34 34	Domestic	1911	1914	.....
340	Dobell Coal Co., Ltd.	Tofield	29	S.E.	1/4	35 50	Domestic	1912	.....	.....

LIST OF MINES—(Continued)

Mine No.	Operator	Address	District No.	Location			Character of Coal	Date of	
				S.	T.	W. of R. M.		Open- ing	Aban- don- ment
362	Duell, Richard	Longview	10	8	18	2	Sub-Bituminous	1912	1916
425	Depew & Miller	Raymond	4	8	5	20	Domestic	1914	1914
453	Davis & Brown	Pincher Creek	2	27	5	29	Sub-Bituminous	1914	1915
463	Dennis, Wilson	Maycroft	2	31	10	2	Sub-Bituminous	1914	1915
476	Douglas, W. J.	Champion	9	9	33	15	Domestic	1915	....
496	Donald, Alfred	Dowling Lake	22	L.S.	7	3	Domestic	1915	....
605	Donaldson, C. S.	Commerce	3	N.W.	16	10	Domestic	1915	1916
611	Daloe & Bros., L.	Hanna	22	L.S.	5	29	Domestic	1915	1918
614	Dietrich Bros. & Johnson	Forestburg	27	L.S.	4	14	Domestic	1915	1916
641	Davies, Evan T.	Milk River	5	L.S.	4	35	Domestic	1916	1924
669	Domestic Coal Co.	Taber	6	L.S.	3	1	Domestic	1916	1924
707	Davidson, Mrs. A. J.	Beverly	30	R.L.	40, Edm. Sett.	10	Domestic	1917	1918
735	DuRocherville Mining Co., Ltd.	Nanton	10	4	15	3	Sub-Bituminous	1918	1923
815	Debrinski, J. L. & Joe.	Rosebud	14	L.S.	13	33	Domestic	1919	....
860	Duchess Coal Co.	Calgary	21	L.S.	1	2	Domestic	1920	1922
885	Dick & Pickering	Bassano	21	S.E.	33	21	Domestic	1921	1923
909	Dunn & Shawcross	Taber	6	L.S.	11	18	Domestic	1921	....
944	Dunlop, Z. A.	Etzikom	7	L.S.	16	10	Domestic	1921	....
970	Dimmer, Matt.	Trochu	24	N.E.	22	33	Domestic	1921	1922
992	Donaldson Coal Co., C. S.	Lethbridge	3	L.S.	16	36	Domestic	1922	1922
1004	DuRocher, Francis	Longview	10	L.S.	3	8	Sub-Bituminous	1922	1924
1067	Davenport, Joseph	Cluny	14	S.W.	7	22	Domestic	1922	1923
1080	Dunlop, Z. A.	Etzikom	7	L.S.	2	14	Domestic	1923	....
1097	Domso, Louis	Grassy Lake	7	L.S.	8	26	Domestic	1923	....
1119	Drociuk, Samuel	Halcourt	40	L.S.	1	21	Domestic	1923	....
1159	Davies, Stephen	Alexo P. O.	19	L.S.	1	21	Sub-Bituminous	1924	....
10	Edmonton Coal Company	Edmonton	31	R.L.	2	4	Domestic	1897	1904
20	Elliott & Louisberg	Edmonton	31	Near Edmonton.	2	Ed. Sett.	Domestic	1897	1898

LIST OF MINES—(Continued)

Mine No.	Operator	Address	District No.	Location			Character of Coal	Date of		
				S.	T.	W. of R. M.		Open- ing	Aban- don- ment	Re- open- ing
50	Edmonton Coal Co., Ltd.	Edmonton	31	R.L.	20	Ed. Sett.	Domestic	1901	1904	.....
68	Evans & Robinson	Edmonton	31	R.L.	25	Ed. Sett.	Domestic	1902	1905	.....
76	Estill Coal Mining Co., Ltd.	Lundbreck	2	L.S.	11	23	Sub-Bituminous	1906	1909	1921
118	Evans, John	Medicine Hat	8	S.E.	1/4	5	Domestic	1906	1907	.....
130	Elcan Valley Colls., Ltd.	Elcan	6		3	10	Domestic	1907	1918	.....
147	Edmonton Colls., Ltd.	Edmonton	31	Fraser Flats,	R.L.	18	Domestic	1907	1911	1918
213	Ervine, S.	Grassy Lake	7		9	10	Domestic	1909	1914	.....
259	Erickson Brothers	Milk River	5	S.W.	1/4	32	Domestic	1910	1913	.....
316	Evans, Evan	Cardston	5	L.S.	12	26	Domestic	1911	1913	.....
384	Ellis Coal Co., Ltd.	Three Hills	25	L.S.	3	36	Domestic	1913	1915	.....
410	Ensign, H. F.	Whitla	7		24	12	Domestic	1913	1915	.....
615	Enders, George H.	Heisler	27	L.S.	2	28	Domestic	1915	1922	.....
628	Eldon Mining Co., Ltd.	Calgary	13	2 1/2 miles S.	Eldon.	17	Copper Mine	1915	1922	.....
703	Excelsior Colls., Ltd.	Wayne	17	L.S.	3	7	Domestic	1917	.....	.....
725	Edmonson, Mrs. M.	Delia	22	L.S.	12	24	Domestic	1918	.....	.....
784	Engstrom, N. F.	Rose Lynn	22	L.S.	1	34	Domestic	1918	.....	.....
819	Elgin Coal Co., Ltd.	Drumheller	15	L.S.	14	2	Domestic	1919	.....	.....
870	Erickson, George	Donalda	27	S.W.	1/4	13	Domestic	1920	1922	.....
873	Enders, G. H.	Heisler	27	L.S.	7	34	Domestic	1920	1922	.....
880	Edmonson, A.	Delia	22	L.S.	3	24	Domestic	1920	1922	.....
893	Evans, Hugh	Lethbridge	3	L.S.	1	16	Domestic	1920	1922	.....
910	Ellis, James	Champion	9	L.S.	1	4	Domestic	1921	1921	.....
1098	Eccleston, Wm.	Namoo	33	L.S.	3	31	Domestic	1923	.....	.....
1111	Evans, Edward	Bassano	21	L.S.	14	30	Domestic	1923	.....	.....
1184	Engstrom, Nels F.	Rose Lynn	22	L.S.	5	35	Domestic	1924	.....	.....
8	Fudge, F. T.	Clover Bar	30	N.E.	1/4	7	Domestic	1903	1922	.....
48	Franco-Canadian Colls., Ltd.	Frank	1	N.W.	1/4	30	Bituminous	1900	1918	.....
90	Fraser-McKay Colls., Ltd.	Clover Bar	30	L.S.	12	8	Domestic	1904	.....	.....

LIST OF MINES—(Continued)

Mine No.	Operator	Address	District No.	Location			Character of Coal	Date of		Re-open- ing
				S.	T.	W. of R. M.		Open- ing	Aban- don- ment	
98	Consolidated with No. 90	Clover Bar	30	L.S.	12	8	Domestic	1905	1906	....
151	Farrell, Charles	Reid Hill	9	L.S.	15	24	Domestic	1907	....	....
323	Fortune, John	Bow Island	7	L.S.	8	14	Domestic	1911	....	....
342	Footo, J. C.	Pleasant View	7	L.S.	9	7	Domestic	1912	1916	....
351	Fortin, W.	Legal	34	L.S.	25	57	Domestic	1912	1913	....
600	Ferguson, David	Elcan	6	L.S.	4	10	Domestic	1915	1917	....
622	Fanning, Clarence	Rosalind	27	S.W.	14	8	Domestic	1915	1917	....
627	Fanning, Clarence	Donalda	27	L.S.	15	32	Domestic	1915	1917	....
656	Finigan, John K.	Halcourt	40	S.W.	14	25	Domestic	1916	1917	....
667	Faulkner, Wm.	Alix	23	L.S.	1	39	Domestic	1916	1917	....
688	Furler, W. R.	Ghost Pine	26	L.S.	33	30	Domestic	1917	1919	....
713	Federal Coals, Ltd.	Lethbridge	3	L.S.	15	36	Domestic	1917	1922	....
729	Fanning, Clarence	Donalda	27	L.S.	3	5	Domestic	1918	1921	....
733	Firth, Albert & Co.	Lethbridge	3	L.S.	4	11	Domestic	1918	1919	....
749	Friend, H. D.	Carbon	26	L.S.	15	11	Domestic	1918	1918	1919
758	Fraser, Alec.	Carbon	38	L.S.	10	24	Domestic	1918	....	....
771	Foothills Colls., Ltd., The	Foothills	9	L.S.	9	28	Sub-Bituminous	1918	....	....
777	Farrar, Henry	Lomond	5	L.S.	2	21	Domestic	1918	1922	....
806	Finstead, & Co., John	Pendant D'Oreille	32	L.S.	11	29	Domestic	1919	1922	....
865	Farnell, J. H.	Big Island	32	L.S.	5	28	Domestic	1920	1923	....
922	Falvo, Dominic	R.R. 3, Strathcona	32	L.S.	7	15	Domestic	1921	....	....
958	Fife Coal Co.	Carbon	26	L.S.	8	11	Domestic	1921	....	....
987	Ferens, Joseph	Taber	6	L.S.	8	11	Domestic	1922	....	....
1012	Fanning, Clarence	Donalda	27	L.S.	6	25	Domestic	1922	1924	....
1028	Frazer, Archie	Carbon	9	L.S.	2	36	Domestic	1922	1923	....
1047	Fry, Nicolas	Donalda	27	L.S.	15	32	Domestic	1922	1923	....
1049	Fuller, D. H.	Settler	23	L.S.	8	34	Domestic	1922	....	....
1055	Fergstad, C. A.	Round Hill	28	L.S.	10	30	Domestic	1922	1924	....

LIST OF MINES—(Continued)

Mine No.	Operator	Address	District No.	Location			Character of Coal	Date of		Re-open- ing
				S.	T.	W. of R. M.		Open- ing	Aban- don- ment	
1060	Fox, A.	Carbon	26	L.S.	12	7	29	22	4	1922
1107	Ferguson & McKenzie Coal Co., Ltd.	Dodds	28	N.E.	1/4	11	49	18	4	1923
13	Gibbard & Boutwell	Namoo	33	S.W.	1/4	17	55	24	4	1898
27	Gough & O'Neill	St. Albert	33	Near St. Albert						1896
35	Gillespie Bros.	High River	10	N.E.	1/4	6	13	6	5	1898
58	Great Northern Railway	Pincher Creek	2	South of Pincher Creek						1909
67	Gallagher & Hull	Edmonton	32	Near Edmonton S.						1901
89	Great West Coal Co., Ltd.	Edmonton	30	S.E.	1/4	7	53	23	4	1903
127	Great West Coal Co., Ltd.	Edmonton	30	R.L.	7	52	24	4		1903
184	Garneau, Larry Jr.	Edmonton	31	N.W.	1/4	11	11	1	5	1907
200	Good, Rola B.	Pincher Creek	2							1909
211	Geddes, Day & Gibb	Medicine Hat	8							1911
231	Green, H. V.	Halkirk	23	S.E.	1/4	18	39	15	4	1914
278	Georgetown Colls., Ltd.	Canmore	12	N.W.	1/4	1	25	11	5	1914
283	Georgenson, Sebb.	Lucky Strike	5	L.S.	9	16	3	12	4	1916
289	Great West Coal Co., The	Edmonton	30	S.W.	1/4	6	53	23	4	1911
294	Gray, Armour	Gadsby	23	L.S.	10	28	39	16	4	1911
297	Gibson, George	Grassy Lake	7							1915
336	Ginther, F. M.	Medicine Hat	8	S.W.	1/4	12	13	9	4	1911
352	Gardiner, R.	Medicine Hat	8							1913
359	Grant, John A.	Gainford	36							1912
377	Gibson & Son, G. S.	Black Diamond	10							1912
378	Consolidated with 436.	Grassy Lake	7	L.S.	4	25	9	13	4	1912
436	Great West Coal Co., Ltd.	Aerial	16	S.E.	1/4	28	28	19	4	1913
458	Giruth, James A.	Aerial	16	L.S.	7	28	28	19	4	1913
478	Giamarino, N.	Fishburn	2	L.S.	8	27	4	28	4	1914
487	Giedd, Fred	Dowling Lake	22	L.S.	12	13	30	17	4	1915
				L.S.	2	3	33	16	4	1915

LIST OF MINES—(Continued)

Mine No.	Operator	Address	District No.	Location			Character of Coal	Date of		
				S.	T.	R. M.		Open- ing	Aban- don- ment	Re- open- ing
603	Griffiths, Evan	Donalda	27	N.E.	1/4	32	Domestic	1915	1918	.....
623	Gordon, D. R.	Trochu	24	S.E.	1/4	32	Domestic	1915	1916	.....
645	Gwilliam, David	Namoo	33	S.W.	1/4	6	Domestic	1916	1918	.....
687	Gibson, Samuel	Grassy Lake	7	L.S.	7	25	Domestic	1917	1917	.....
728	Green, James	Drumheller	15			32	Domestic	1918	1919	.....
747	Gouge, Jesse	Cluny	14			30	Domestic	1918	1918	.....
797	Gutche, Fred	Edmonton S.	32	S.E.	1/4	8	Domestic	1919	1919	.....
801	Garrick, John	Drumheller	15	L.S.	3	6	Domestic	1921	1919	.....
898	Gibson Colls., Ltd.	Drumheller	15	L.S.	6	2	Domestic	1922	1923	.....
972	Gilday, R.	Drumheller	15	L.S.	7	22	Domestic	1922	1922	.....
976	Gatine, M.	Hesketh	26	N.E.	1/4	7	Domestic	1922	1923	.....
980	Guss, John N.	Alix	23	S.W.	1/4	3	Domestic	1922	1923	.....
1013	Goodie, Philip	Foremost	7	L.S.	4	36	Domestic	1922	1924	.....
1040	Garner, Arthur	Hillspring	5	L.S.	15	2	Domestic	1924	.....	.....
1138	Geddes, William	Little Plume	8			9	Bituminous	1924	.....	.....
1149	Grainger Colls., Ltd.	Gap Siding	12			5	Domestic	1896	1905	.....
6	Humberstone, Wm.	Edmonton	31	R.L.	12	Ed. Sett.	Domestic	1899	1899	.....
17	Holloway, R.	Strathcona	31	N. Sask. River.			Domestic	1905	.....	.....
40	Hillcrest Colls., Ltd.	Hillcrest	1	N.E.	1/4	18	Bituminous	1905	.....	.....
43	Humberstone Mines, Ltd.	Beverly	30	L.S.	15	7	Domestic	1899	.....	.....
92	Hamilton, J. K.	Lethbridge	3	L.S.	8	31	Domestic	1904	1922	.....
109	Harper Coal Co.	Edmonton	31	R.L.	22	Ed. Sett.	Domestic	1906	1910	.....
134	Henderson Bros.	Reid Hill	9	N.E.	1/4	29	Domestic	1907	1913	.....
171	Hanna & Moe	Taber	6			16	Domestic	1908	1909	.....
181	Hart, Ed.	Taber	6			9	Domestic	1908	1917	.....
187	Howden, A. B.	Carbon	26	S.E.	1/4	11	Domestic	1908	1917	.....
209	Head, Syndicate, Ltd.	Burns	1	L.S.	5	15	Domestic	1909	1913	.....
214	Halbert, William	Three Hills	25			22	Bituminous	1909	1913	.....
						31	Domestic	1909	1915	.....

LIST OF MINES—(Continued)

Mine No.	Operator	Address	District No.	Location			Character of Coal	Date of		
				S.	T.	R. M.		Open- ing	Aban- don- ment	Re- open- ing
224	Hetherington, Fred.....	Armada.....	9	L.S.	16	29 16 21 4	Domestic.....	1910	1915	1921
254	Heighes, George.....	Lethbridge.....	3	S.E.	27 10 21 4		Domestic.....	1910	1914	
272	Hutchinson, John S.....	Bow Island.....	7	S.E.	15 9 11 4		Domestic.....	1911	1915	
274	Halkirk, Colls.....	Halkirk.....	23	N.E.	30 38 15 4		Domestic.....	1911	1913	
325	Hallett, Thos.....	Castor.....	23	L.S.	8 4 38 14 4		Domestic.....	1911	1921	
329	Heaney, John.....	Castor.....	23	N.E.	1/4 4 38 14 4		Domestic.....	1911	1921	
335	Hutchinson, W. S.....	Drumheller.....	15		14 29 20 4		Domestic.....	1912	1915	
366	Holmes, Jos.....	Grassy Lake.....	7	S. of Grassy Lake.			Domestic.....	1912	1913	
373	Hedrich, William.....	Trochu.....	24	S.E.	1/4 20 33 23 4		Domestic.....	1912	1913	
380	Halliday, George W.....	Delta.....	22		28 30 17 4		Domestic.....	1913	1918	
417	Hallett, Thos.....	Castor.....	23	N.E.	1/4 26 37 14 4		Domestic.....	1913	1921	
426	Halbert, Wm.....	Trochu.....	24	N.E.	1/4 12 33 23 4		Domestic.....	1914	1918	
427	Hronek, Benj.....	Halkirk.....	23	L.S.	7 18 39 15 4		Domestic.....	1914	1915	
437	Hudson, W. H.....	Queenstown.....	9		23 18 21 4		Domestic.....	1914	1917	
472	Hildahl, Edwin.....	Morrin.....	18	L.S.	7 28 31 21 4		Domestic.....	1915	1917	
493	Consolidated with No. 325.....	Castor.....	23		4 38 14 4		Domestic.....	1915	1921	
638	Harrison, Stephen.....	Lethbridge.....	3	S.W.	1/4 35 8 22 4		Domestic.....	1916	1916	
674	Hannah, G. G.....	Lethbridge.....	3	L.S.	4 16 10 21 4		Domestic.....	1916	1918	
694	Hodgson, Jos.....	Rowley.....	18	L.S.	13 12 32 21 4		Domestic.....	1917	1917	
696	Hunter, John T.....	Garden Plain.....	22	L.S.	16 36 33 14 4		Domestic.....	1917	1917	
709	Halbert, David.....	Sheerness.....	22	L.S.	5 17 29 12 4		Domestic.....	1917	1918	
730	Hetherington, Fred.....	Carmanagay.....	9	L.S.	13 30 14 21 4		Domestic.....	1917	1918	
754	Hamilton, W. L.....	Pincher Creek.....	2	L.S.	9 27 6 1 5		Sub-Bituminous	1918	1920	
776	Hy-Grade Coal Co., of Drumheller Ltd.....	Drumheller.....	15	L.S.	4 11 29 20 4		Domestic.....	1918	1922	
778	Hanson, C. H.....	Edberg.....	27		13 43 18 4		Domestic.....	1918	1921	
791	Haywood & Airy.....	Gadsby.....	23	S.E.	1/4 7 40 16 4		Domestic.....	1918	1921	
823	Harlech Coal Co., Ltd.....	Harlech P. O. ...	19		10 41 14 5		Sub-Bituminous	1919	1924	

LIST OF MINES—(Continued)

Mine No.	Operator	Address	District No.	Location			Character of Coal	Date of		Re-opening
				S.	T.	R. M.		Open- ing	Aban- don- ment	
825	Haines, A. E.	Medicine Hat	8	N.W. 1/4	28	12	Domestic	1919	1919	....
859	Halbert, David	Trochu	24	L.S. 3	23	33	Domestic	1920	1920	....
871	Hamilton, J. F.	Lethbridge	3	L.S. 14	36	8	Domestic	1920	1920	....
876	Heape, J. P.	Donalda	27	N.E. 1/4	28	41	Domestic	1921	1923	....
882	Haywood, A.	Gadsby	23	L.S. 11	7	40	Domestic	1921	1921	....
884	Henderson & Stringer	Carbon	27	N.E. 1/4	10	29	Domestic	1921	1922	....
904	Himelman, A. P.	Carbon	26	L.S. 2	16	29	Domestic	1921	1921	....
913	Hook, Alfred J.	Halkirk	23	L.S. 1	7	39	Domestic	1921	1923	....
923	Halbert, David	Big Valley	18	L.S. 4	31	35	Domestic	1921	1923	....
948	Hanson, C. E.	Donalda	27	L.S. 5	8	43	Domestic	1921	1921	....
950	Hook, Fred	Leduc	32	L.S. 6	51	25	Domestic	1921	1921	....
984	Hughson, H. B.	Magrath	4	S.W. 1/4	1	7	Domestic	1922	1922	....
1011	Hartley, William	Stirling	4	S.W. 1/4	34	5	Domestic	1922	1924	....
1071	Holt, A. E.	Erskine	23	L.S. 10	10	38	Domestic	1923	1923	....
1103	Howe, J. C.	Cluny	14	S.E. 1/4	7	22	Domestic	1923	1924	....
1110	Hamilton, George	Lethbridge	3	L.S. 2	1	9	Domestic	1923	1923	....
1112	Hetherington, Fred	Carmangay	9	L.S. 9	9	14	Domestic	1923	1924	....
1118	Howarth, Jas.	Halcourt	40	S.W. 1/4	25	70	Domestic	1923	1923	....
1120	Hugel, Adolph	Grande Prairie	40	L.S. 14	25	70	Domestic	1923	1923	....
1128	Heath, Wm.	Fallis	35	S.E. 1/4	28	53	Domestic	1923	1923	....
1148	Hammond, James	White Court	40	L.S. 7	5	59	Domestic	1924	1924	....
1151	Hulme, Chas.	Craigmyle	22	L.S. 6	28	31	Domestic	1924	1924	....
1152	Heathburg Coal Co.	Alix	24	S.E. 1/4	3	39	Domestic	1924	1924	....
1169	Hulbert & Shirk	Carbon	26	L.S. 5	14	29	Domestic	1924	1924	....
88	International Coal & Coke Co., Ltd.	Coleman	1	L.S. 16	8	4	Bituminous	1903	1910	....
111	Irvine, Thomas	Elean	6	N. 1/2	4	10	Domestic	1906	1913	....
114	Independent Coal Co., Ltd.	Elean	6	S.E. 1/4	4	10	Domestic	1906	1913	....
138	International Land Dev. Co.	Winnifred	7	S.E. 1/4	19	10	Domestic	1907	1907	....

LIST OF MINES—(Continued)

Mine No.	Operator	Address	District No.	Location			Character of Coal	Date of		
				S.	T.	W. of R. M.		Open- ing	Aban- don- ment	Re- open- ing
159	Imperial Coal Co.	Taber	6	S.	5	10	Domestic	1907	1910	....
748	Ivey, John	Drumheller	15	L.S.	1/2	6	Domestic	1918	1918	....
844	Ideal Coal Co., Ltd.	Wayne	17	L.S.	16	1	Domestic	1920	1920	....
1001	Iverson, Frater	Rainbow	22	L.S.	10	24	Domestic	1921	1921	....
53	Johnson, Chris.	Carbon	26	L.S.	3	14	Domestic	1898	1923	1924
269	James, K. C.	Halkirk	23	N.W.	1/4	18	Domestic	1911	1913	....
280	Jasper Park Colls., Ltd.	Pocahontas	37	L.S.	9	6	Bituminous	1911	1921	....
312	James, C. K.	Gadsby	23	S.E.	1/4	28	Domestic	1911	1913	....
371	Jacobson, John	Bow Island	7	L.S.	8	21	Domestic	1912	1913	....
375	Jones, A. S.	Garden Plain	22	L.S.	7	1	Domestic	1912	1913	....
407	Jaynes, Robert	Milk River	5	N.E.	1/4	29	Domestic	1913	1915	....
447	James Bros.	Forestburg	27	L.S.	12	28	Domestic	1914	1915	1919
462	Jeffrey, James	Maycroft	2	L.S.	32	10	Sub-Bituminous	1914	1915	....
470	Johberg, A. F.	Delia	22	N.W.	1/4	21	Domestic	1915	1915	....
482	Consolidated with No. 470.	Delia	22	L.S.	14	21	Domestic	1915	1915	....
642	Jennings, Peter P.	Pendant d'Oreille	5	L.S.	5	22	Domestic	1916	1919	....
643	Jewell Colls., Ltd.	Wayne	17	L.S.	6	7	Domestic	1916	1919	....
683	Jasper Park Colls., Ltd.	Pocahontas	37	L.S.	9	12	Bituminous	1917	1921	....
686	Jackson, Alfred	Grassy Lake	7	L.S.	1	27	Domestic	1917	1917	....
746	Jones, Samuel A.	Drumheller	15	L.S.	16	30	Domestic	1918	1918	....
782	Johnson, Alexander	Beynon	14	L.S.	14	31	Domestic	1918	1919	1921
841	Johnson, Chris.	Carbon	26	N.E.	1/4	9	Domestic	1919	1920	....
866	Johnston, Frank G.	Suffield	8	L.S.	10	28	Domestic	1920	1922	....
938	James, David	Alliance	27		36	40	Domestic	1921	1922	....
991	Jackson, Anthony	Trochu	25		27	33	Domestic	1922	1923	....
1035	Jones & Williamson	Alix	24	L.S.	7	33	Domestic	1922	1924	....
1048	Jackson, Thomas	Delburne	24	L.S.	16	2	Domestic	1922	1924	....
1064	James, David	Alliance	27	L.S.	1	32	Domestic	1922	1924	....

LIST OF MINES—(Continued)

Mine No.	Operator	Address	District No.	Location			Character of Coal	Date of		Re-opening	
				S.	T.	W. of R. M.		Open- ing	Aban- don- ment		
1070	Johnson & Carlson	Hutton	21	L.S.	9	31	23	14	4	1922	1923
1130	Jones, J. L.	Ardley	24	S.W.	14	7	38	24	4	1924	.....
1173	Jones & Bray	Rosalind	27	L.S.	14	33	43	18	4	1924	.....
69	Keith & Fulton	Clover Bar	30	L.S.	16	7	53	23	4	1902	.....
103	Knowlton, G. H.	Carstairs	12	L.S.	14	19	29	5	5	1905	1913
120	Knowlton, G. H.	Longview	10	S.W.	14	8	18	2	5	1906	1921
125	Kummer, William	Edmonton	30	N.W.	14	7	53	23	4	1906	1910
178	Ketchum, Coal Co.	Namoo	33	S.E.	14	8	55	24	4	1908	1917
197	Consolidated with 397	Eyremore	21			9	17	17	4	1909	1915
219	Consolidated with 226	Edmonton	12	L.S.	13	10	29	5	5	1910	1915
226	Knowlton, G. H.	Edmonton	21	L.S.	13	10	17	17	4	1910	.....
333	Kleenbim Colls., Ltd.	Eyremore	7	S.W.	14	9	8	8	4	1912	.....
397	Kovaitce, Frank	Granlea	33	S.E.	14	8	55	24	4	1913	1916
440	Kelly Collieries	Namoo	2	N.E.	14	11	10	2	5	1914	1915
480	Kaye, Herschel	Maycroft	22	L.S.	6	23	30	17	4	1915	.....
484	Klump, Dan.	Delia	21	N.E.	14	7	23	14	4	1915	.....
633	Krozier, John	Hutton	34	N.E.	14	17	56	23	4	1916	1918
790	Kent, Johnson & Whitford	Bon Accord	24	N.E.	14	10	38	24	4	1918	1919
828	Kurp, B. C.	Delburne	27	L.S.	6	32	43	18	4	1919	.....
837	King, J. J.	New Norway	32	L.S.	14	6	51	25	4	1919	1924
839	Kuhnert & Hiller	Edmonton	21	S.E.	14	29	24	22	4	1919	1919
840	Keats, J. W.	Standard	21	L.S.	4	15	17	17	4	1919	1921
900	Kleenbim Colls., Ltd.	Eyremore	21	L.S.	3	23	17	17	4	1919	1921
915	Kerrison, T. W.	Eyremore	21	L.S.	15	14	17	17	4	1921	.....
917	Ketchmark, George	Eyremore	26	N.W.	14	14	29	23	4	1921	.....
947	Knee Hill Coal Co.	Calgary	21			13	17	17	4	1921	1922
959	Kellough, W. D.	Latham	27	L.S.	4	11	40	16	4	1921	1922
967	Kerr, John	Gadsby	24	L.S.	8	11	38	24	4	1921	.....
	Kurp, B. C.	Delburne	24	L.S.						1921	.....

LIST OF MINES—(Continued)

Mine No.	Operator	Address	District No.	Location			Character of Coal	Date of	
				S.	T.	W. of R. M.		Open- ing	Aban- don- ment
968	Kobi, Emil	Endiang	22	S.W.	4	36	15	1921	1924
998	Kerrison, Thos. W.	Eyremore	21	L.S.	13	11	17	1922	1922
1038	Krozier, John	Duchess	21	L.S.	13	36	22	1922	1922
1053	Kruse, Fred	Heister	27	N.E.	1/4	10	41	1922	1924
1077	Kasper & Olsen	Bingville	8	L.S.	3	11	17	1923	1924
1093	Kallevig, Andrew	Morin	18	L.S.	12	22	31	1923	1924
1099	Knie, Adolph	Leduc	32	L.S.	12	6	51	1923	1923
1109	Koskawich & Pashkowsky	Hardyville	3	L.S.	8	31	9	1923	1923
1131	Kleenbirt Colls., Ltd.	Eyremore	21	N.E.	1/4	10	17	1924	1924
1135	Kurp, Theo.	Delburne	24	L.S.	4	7	38	1924	1924
1155	Kummer, William	Longview	10	L.S.	9	8	18	1924	1924
1160	Keystone Colls.	Gainford	36	E.	1/2	16	53	1924	1924
1163	Karaus, Mrs. Annie	Halkirk	23	L.S.	14	32	39	1924	1924
1171	Keystone Collieries	Gainford	36	S.E.	1/4	34	53	1924	1924
126	Leitch Colls., Ltd.	Passburg	1		14	7	3	1906	1915
131	Larson, Andrew	Travers	6	L.S.	9	4	10	1907	1919
185	Long, D. H.	Bow Island	7	L.S.	7	36	11	1909	1914
205	Lindquist, A. A.	Bow Island	7	L.S.	5	22	12	1909	1913
309	Laarz, F. W.	Fraserton	22	S.E.	1/4	21	28	1911	1921
319	Lakeview Coal Co.	Wabamun	35		5	29	52	1911	1914
324	Lavenne, Jules	Winnifred	7	L.S.	5	22	12	1911	1916
400	Lavenne, Jules	Winnifred	7	L.S.	8	21	12	1913	1918
419	Lakeside Coal, Ltd.	Wabamun	35	L.S.	15	9	53	1913	1918
441	Linder, Karl	Halkirk	23	L.S.	5	18	39	1914	1918
444	Lebisto, John	Twining	25	L.S.	11	14	31	1914	1921
467	Lancaster & Willan	Camrose	28		9	29	46	1915	1915
601	Law, George	Round Hill	28	L.S.	9	10	48	1915	1920
613	Lindquist & Anderson	Donalda	27	L.S.	7	30	41	1915	1920

LIST OF MINES—(Continued)

Mine No.	Operator	Address	District No.	Location		Character of Coal	Date of	
				S.	T. R. M.		Open- ing	Aban- don- ment
676	Lethbridge Coal Co., Ltd.	Lethbridge	3	L.S.	12 12 9 22 4	Domestic	1916	.....
677	Lavenne, Jules	Winnifred	7	L.S.	1 21 12 10 4	Domestic	1917	.....
698	Lanark, Coal Co.	Elcan	6	L.S.	2 4 10 17 4	Domestic	1917	.....
706	Lyon, H. E.	Morley	12	L.S.	3 17 26 5 5	Bituminous	1917	.....
740	Lindqvist, Victor	Aerial	16	L.S.	11 29 28 19 4	Domestic	1918	.....
751	Lavenne, Jules	Winnifred	7	L.S.	2 27 12 10 4	Domestic	1918	.....
789	Lindqvist, Victor	Donalda	27	L.S.	8 25 41 18 4	Domestic	1918	.....
812	Lasseter, Thomas E.	Delburne	24	L.S.	15 2 38 24 4	Domestic	1919	.....
858	Little, Edward	Longview	10	L.S.	1 9 18 2 5	Sub-Bituminous	1920	.....
894	Lowry, Bros.	Nevis	23	S.W.	1/4 15 38 22 4	Domestic	1921	.....
903	Last, Harry	Elkwater	8	L.S.	16 23 8 3 4	Domestic	1921	.....
905	Luscar Colls., Ltd.	Luscar	39	L.S.	16 23 47 24 5	Bituminous	1921	.....
961	Larson & Berry	Holborn	32	L.S.	16 34 50 1 5	Domestic	1921	.....
1016	Locke, H. A.	Craigmyle	22	N.	28 31 16 4	Domestic	1923	.....
1025	Larroway & Bell	Endiang	23	L.S.	1/2 9 36 15 4	Domestic	1922	.....
1030	Leduc & Mainfroid	Delburne	24	L.S.	2 11 38 24 4	Domestic	1922	.....
1037	Lasseter, Thos. E.	Delburne	24	L.S.	1 11 38 24 4	Domestic	1922	.....
1072	Larson, O.	Jarrow	27	L.S.	1 15 45 10 4	Domestic	1923	.....
1091	Langford, W. F.	Strathcona	32	L.S.	9 26 51 25 4	Domestic	1923	.....
1102	Lindgren, Axel	Meeting Creek	27	L.S.	3 13 43 20 4	Domestic	1923	.....
1114	Lanz, C.	Etzikom	7	L.S.	12 13 7 9 4	Domestic	1923	.....
1140	Lavenne, Jules	Winnifred	7	L.S.	5 22 12 10 4	Domestic	1924	.....
1178	Lasseter & McDonald	Delburne	24	L.S.	15 2 38 24 4	Domestic	1924	.....
1183	Little, Joseph	Blairmore	1	W.	2/2 28 7 3 5	Bituminous	1924	.....
1185	Lewis, Arthur J.	Nevis	23	S.E.	1/4 2 39 23 4	Domestic	1924	.....
5	Martin, Robert	Edmonton S.	32	R.L.	26 Edm. Sett.	Domestic	1897	.....
12	Martin, & King	Edmonton S.	32	R.L.	26 Edm. Sett.	Domestic	1902	.....
15	Marsh & Neeb	Edmonton S.	32	R.L.	18 Edm. Sett.	Domestic	1897	.....

LIST OF MINES—(Continued)

Mine No.	Operator	Address	District No.	Location			Character of Coal	Date of		Re-open- ing
				S.	T.	R. M.		Open- ing	Aban- don- ment	
52	Mays Coal Co.	Edmonton	30	R.L.	7	53 23	Domestic	1901	1902	.....
60	Martin, E. D.	Edmonton	31		Edm. Sett.	4	Domestic	1902	1904	.....
74	Milner & Shoeman	Edmonton	30		7 53 23	4	Domestic	1903	1913	.....
100	Martin Bros.	Edmonton S.	32		20 51 1	5	Domestic	1905	1905	.....
105	Majestic Colls., Ltd.	Taber	6	L.S.	7 31 9	16 4	Domestic	1905	1905	.....
124	Marsh, John	Elcan	6	N.	1 1/2 4	10 17 4	Domestic	1906	1910	.....
133	Mohawk Bituminous Mines, Ltd.	Bellevue	1	S.E.	1/4 21 7	3 5	Bituminous	1907	1915	1919
140	Marsh, John	Elcan	6		1/4 19 9	17 4	Domestic	1907	1908	.....
158	Marsh Brothers	Elcan	6	S.E.	1/4 4 10	17 4	Domestic	1907	1910	.....
175	Marsh, John	Taber	6		29 9 17	4	Domestic	1908	1909	.....
180	Mills, J. J.	Grassy Lake	7	L.S.	13 23 9	13 4	Domestic	1908	1911	.....
266	Murphy, M. T.	Bow Island	7	S.	1/2 9 12	10 4	Domestic	1911	1911	.....
271	Milk River Colliery Co.	Milk River	5	L.S.	5 26 2	16 4	Domestic	1911	1920	1921
277	Miller, Irving E.	Allerton	5	L.S.	8 33 45	2 12 4	Domestic	1911	1923	.....
282	Mountain Park Colls., Ltd.	Mountain Park	39		16 6 30	4	Bituminous	1911	1913	.....
292	Morris, John	Pincher Creek	2	L.S.	13 20 26	21 4	Sub-Bituminous	1911	1913	1915
299	Medloski, D.	Rosebud Creek	14		25 5 2	5	Domestic	1911	1914	.....
330	Mikilik, John	Pincher Creek	2		25 5 2	5	Sub-Bituminous	1911	1924	.....
331	Mitchell, A. E.	Bow Island	7	S.W.	1/4 3 10	11 4	Domestic	1912	1913	.....
354	Miller, Arthur	Delia	22		9 21 30	17 4	Domestic	1912	.....	.....
367	Midland Colls.	Midlandvale	15	L.S.	10 9 29	20 4	Domestic	1912	.....	.....
395	Molloy, Andrew	Picture Butte	3	L.S.	14 27 10	21 4	Domestic	1913	.....	.....
434	M. P. Collieries	Taber	6	L.S.	8 4 10	17 4	Domestic	1914	1921	.....
451	Meheltz, Frank	Botha	23	S.E.	1/4 11 39	16 4	Domestic	1914	1918	.....
466	Moore, Clark	Eyremore	21	S.W.	1/4 15 17	17 4	Domestic	1915	1915	.....
477	Masciangelo, John	Delia	22	L.S.	3 28 30	17 4	Domestic	1915	1915	.....
489	Murray, John	Grassy Lake	7		9 10 13	4	Domestic	1915	1915	.....
497	Morse, A. T., & Larriar	Hanna	22	L.S.	1 19 29	14 4	Domestic	1915	.....	.....

LIST OF MINES—(Continued)

Mine No.	Operator	Address	District No.	Location			Character of Coal	Date of	
				S.	T.	R. M.		Open- ing	Aban- don- ment
604	Marzh, Adam	Donalda	27	L.S.	15	32	41	18	4
617	Morland Brothers	Stetler	23	L.S.	24	37	22	16	4
618	Muncy, M. S.	Foreman	27	L.S.	9	26	40	16	4
634	Morris, Thomas	Verdant Valley	16	N.E.	1/4	14	28	19	4
649	Moody, James	Pendant d'Oreille	5	L.S.	16	22	2	7	4
668	May, Frank	Beazer	5	L.S.	3	7	2	26	4
675	Murray, J. N.	Drumheller	16	L.S.	12	28	27	18	4
685	Munton, Evan	Long Coulee	9	L.S.	4	17	15	21	4
699	Marcus Coal Mines, Ltd.	Clover Bar	30	L.S.	15	8	53	23	4
702	Melvin, James	Elcan	6	L.S.	13	3	10	17	4
715	Murtland, Richard	Pincher Creek	2	S.W.	1/4	16	5	1	5
719	Mitchinson, Arthur	Donalda	27	L.S.	1	5	42	18	4
727	Marx, G. W. D.	Huxley	24	L.S.	15	24	34	22	4
752	Miller, J. K.	Drumheller	15	L.S.	3	2	28	20	4
766	Moonlight Coal Co.	Aerial	16	L.S.	16	16	28	19	4
783	Munro, Alec.	Rose Lynn	22	L.S.	13	27	28	13	4
785	Martin, Sebastian	Forestburg	27	L.S.	5	33	40	15	4
805	Murphy, Losie & Lindqvist	Donalda	27	L.S.	8	25	41	18	4
826	Miller, W. O.	Del Bonita	5	L.S.	13	28	1	22	4
832	Mount Cavell Colls., Ltd.	Brule Mines	37	L.S.	31	50	27	5	6
843	Monkman, A.	Lake Saskatoon	40	S.W.	1/4	22	70	7	6
848	Mid-West Colls., Ltd.	Drumheller	15	L.S.	7	2	29	20	4
853	Mitchinson, A.	Donalda	27	L.S.	14	32	41	18	4
863	Mitchinson, Joseph	Donalda	27	L.S.	2	5	42	18	4
874	Makerevich, Paul	Forestburg	27	L.S.	6	2	41	16	4
911	Meek, F. G.	Heisler	27	L.S.	1	33	42	17	4
926	Magwood, J. A.	Morinville	34	N.E.	1/4	36	56	26	4
933	Martin Brothers & Robinson	Forestburg	27	L.S.	8	32	40	15	4

LIST OF MINES—(Continued)

Mine No.	Operator	Address	District No.	Location		Character of Coal	Date of		Re-open- ing
				S.	T. R. M.		Open- ing	Aban- don- ment	
956	Muncy Brothers	Foreman	27	L.S.	2 35 40 16 4	Domestic	1921	1923	.....
1000	Morgan, Earl	Castor	23	L.S.	14 16 37 15 4	Domestic	1922	1923	.....
1010	Miller, Henry	Taber	6	L.S.	15 36 10 17 4	Domestic	1922	1923	.....
1019	Mitchell, C. E.	Huxley	24	L.S.	4 10 34 22 4	Domestic	1922	1923	.....
1051	Martin & Demo	Red Willow	27	S.E.	14 24 40 18 4	Domestic	1922	1923	.....
1056	Moschinross, C.	Red Deer	24	L.S.	16 2 38 24 4	Domestic	1922	1923	.....
1083	Marlow & Gardner	Lundbreck	2	N.E.	14 25 7 2 5	Sub-Bituminous	1923	1924	.....
1087	Mather, John	Beverly	30	R.L.	40 Edm. Sett.	Domestic	1923	1924	.....
1104	Mather Thomas	Edmonton	30	N.E.	14 36 52 24 4	Domestic	1923	1924	.....
1108	Mouysset, F. L.	Maycroft	2	S.W.	14 32 10 2 5	Sub-Bituminous	1923	1924	.....
1113	Morris, Chas.	St. Albert	34	R.L.	42 54 25 4	Domestic	1923	1924	.....
1116	Morrison, W. J.	Little Plume	8	N.E.	14 35 8 5 4	Domestic	1923	1924	.....
1117	Morrill, William	Beynon	14	S.W.	14 6 28 20 4	Domestic	1923	1924	.....
1132	Marlow & Gardner	Lundbreck	2	S.W.	14 1 8 2 5	Sub-Bituminous	1924	1924	.....
1145	John Mullen	Taber	6	L.S.	1 13 10 17 4	Domestic	1924	1924	.....
1147	Miller, John K.	Drumheller	15	L.S.	11 35 27 20 4	Domestic	1924	1924	.....
1162	Mitchell & Wood	Lundbreck	2	N.	14 25 7 2 5	Sub-Bituminous	1924	1924	.....
1164	Martin, Floyd	Taber	6	L.S.	12 10 10 17 4	Domestic	1924	1924	.....
1179	Murray, Peter	Lousana	24	L.S.	12 12 36 22 4	Domestic	1924	1924	.....
30	McPherson, A. D.	Black Diamond	10	L.S.	13 8 20 2 5	Sub-Bituminous	1899	1918	1920
49	McPeak Coal Co.	Edmonton	31	L.S.	112 Ave. & 76 St.	Domestic	1905	1923	.....
119	McIntosh, C. G.	High River	10	S.W.	16 18 2 5	Sub-Bituminous	1906	1908	.....
149	McDevitt, J. J.	Tohfeld	29	S.W.	24 50 19 4	Domestic	1907	1915	1921
199	McDowall Brothers	Beaver Mines	2	N.E.	14 3 6 2 5	Sub-Bituminous	1909	1915	1921
204	McGillivray Creek Coal & C. Co., Ltd.	Coleman	1	S.E.	14 17 8 4 5	Bituminous	1909	1911	.....
217	McWilliams, Alex.	Lethbridge	3	S.E.	14 8 10 22 4	Domestic	1909	1911	.....
222	McFarlane, William	Pincher Creek	2	S.W.	27 6 2 5	Sub-Bituminous	1910	1913	.....
246	McCormack, A. D.	Castor	23	L.S.	14 34 37 14 4	Domestic	1910	1924	.....

LIST OF MINES—(Continued)

Mine No.	Operator	Address	District No.	Location			Character of Coal	Date of		Re-opening
				S.	T.	W. of R. M.		Open- ing	Aban- don- ment	
253	McKinnon, A. D.	Pincher Creek	2	L.S.	36	5	Sub-Bituminous	1910	1915	.....
275	McCormack, A. D.	Castor	23	S.E.	3	38	Domestic	1911	.....	.....
304	McLean, Hugh D.	Castor	23	S.E.	1/4	34	Domestic	1911	1923	.....
315	McRae, A. L.	Trochu	24	S.E.	1/4	33	Domestic	1911	1923	.....
334	McAllister, Robert	Suffield	8	E.	29	13	Domestic	1912	1914	.....
343	McGuire, A. J.	Lethbridge	3	N.W.	1/2	25	Domestic	1912	1913	.....
361	McDonald, Dunn & McCallum	Priddis	11	S.E.	1/4	7	Sub-Bituminous	1912	1918	1922
385	McGuire, Jas. S.	Trochu	24	S.E.	1/4	16	Domestic	1913	1913	.....
398	McCafferty, Thomas	Fertility	22	L.S.	18	33	Domestic	1913	1915	.....
405	McIntyre, W. H.	Magrath	4	L.S.	3	24	Domestic	1913	1921	.....
408	McGuire, A. J.	Crow's Nest, B.C.	1	L.S.	5	8	Bituminous	1913	1913	.....
418	Consolidated with No. 275	Castor	23	L.S.	15	22	Domestic	1913	1916	.....
423	McKinley, T. & A.	Trochu	24	S.E.	1/4	3	Domestic	1914	1917	1919
455	McPherson, Peter	Fishburn	2	L.S.	12	36	Sub-Bituminous	1914	1917	.....
488	McFadden & Farnell	Big Valley	18	L.S.	8	30	Domestic	1915	1916	.....
607	McDonald, Donald	Donalda	27	L.S.	2	6	Domestic	1915	1916	1921
612	McLean, Chas. A.	Wildunn	22	L.S.	1	6	Domestic	1915	1916	.....
626	McRae, W. A.	Parr	22	L.S.	6	29	Domestic	1915	1921	.....
644	McAlpine, Alec.	Lucky Strike	5	N.E.	1/4	3	Domestic	1916	1917	.....
664	McTaggart & Morton	Erskine	23	L.S.	4	9	Domestic	1916	1917	.....
714	McDonald, William	Champion	9	L.S.	2	12	Domestic	1917	1917	.....
773	McGuire, Colls., Ltd.	Edmonton	31	R.L.	2	12 1st St.	Domestic	1918	1919	.....
856	McKinlay, C. P.	Carbon	26	L.S.	13	11	Domestic	1920	.....	.....
921	McKinlay, Thomas	Trochu	24	L.S.	16	14	Domestic	1921	.....	.....
929	McNaughton, Harry	Champion	9	L.S.	1	4	Domestic	1921	1922	.....
945	McNeill, Alfred	Castor	23	L.S.	8	35	Domestic	1921	.....	.....
951	McDermand, C. C.	Alix	24	L.S.	3	29	Domestic	1921	.....	.....
978	McEntire, Thomas.	Carbon	26	S.W.	1/4	13	Domestic	1922	1923	.....

LIST OF MINES—(Continued)

Mine No.	Operator	Address	District No.	Location			Character of Coal	Date of		
				S.	T.	W. of R. M.		Open- ing	Aban- don- ment	
692	Natross, D. W.	Orion	5	L.S.	10	18	3	7	4	1917
750	Noble, John	Iron Springs	3	L.S.	14	27	10	21	4	1918
816	Newcastle Junior Mining Co., Ltd.	Drumheller	15	L.S.	9	3	29	20	4	1919
855	Noble, Henry	Cardston	5	L.S.	11	15	1	26	4	1920
877	Nearney, Thomas	Edmonton South	32	N.W.	1/4	25	51	25	4	1920
986	Ness, Paul	Erskine	23	L.S.	7	10	38	22	4	1922
989	Ness, Paul	Erskine	23	L.S.	10	34	37	22	4	1922
1009	Noble, Alex	Boundary Creek	5	L.S.	4	22	1	26	4	1922
1034	Nimko, Kost	Edmonton South	32	L.S.	11	25	51	25	4	1922
1127	Ness, Mrs. Ethel	Erskine	23	L.S.	5	2	38	22	4	1923
1166	National Collieries, Ltd.	Round Hill	28	L.S.	4	30	48	18	4	1924
91	Ottewell Coal Mine, R.P.	Clover Bar	30	S.W.	1/4	17	53	23	4	1904
201	Oliver, Lewis	Taber	6	L.S.	5	18	10	16	4	1909
295	Owen, Jas. H.	Pincher Creek	2	N.W.	1/4	10	5	1	5	1911
454	Ostby, Charles	Warner	5	L.S.	12	9	4	16	4	1914
609	Obrian & Gilles & Co.	Donalda	27	L.S.	5	22	42	17	4	1915
648	Oliphant Munson Colls., Ltd.	Oliphant Mines	38	N.E.	1/4	23	48	21	5	1921
670	Olson, Emil	Hanna	22	S.W.	1/4	19	29	14	4	1916
814	Oliver, Lewis	Foremost	7	L.S.	3	28	6	11	4	1916
818	Ogilvie & Large	Twining	25	L.S.	2	11	31	24	4	1919
892	Orza & Thomas	Edmonton	31	R.L.	25	Edm. Sett.				1919
940	O'Connor, Wm. T.	Castor	23	L.S.	10	24	37	14	4	1922
1066	Consolidated with No. 1086	Magrath	4	L.S.	12	8	7	21	4	1922
1086	Oliver, Benjamin	Magrath	4	L.S.	5	8	7	21	4	1922
1090	Ostby, A. C.	Warner	5	L.S.	9	12	3	17	4	1923
1124	Oliver Coal Co.	Taber	6	L.S.	5	1	10	17	4	1923
1129	Olson, Carl	Hanna	22	L.S.	3	19	29	14	4	1923
1187	Oldham, William	Bragg Creek	11	L.S.	3	28	22	4	5	1924

LIST OF MINES—(Continued)

Mine No.	Operator	Address	District No.	Location		Character of Coal	Date of		Re-open- ing
				S.	T. R. M.		Open- ing	Aban- don- ment	
798	Pawlina, Pete	Edmonton S.	32	L.S.	8 35 50 26 4	Domestic	1919	1923	....
770	Partidge Coal Co.	Rosedale Station.	16	L.S.	10 20 28 19 4	Domestic	1918	1923	1924
803	Pacy, John C.	Manyberries.	5	L.S.	7 24 3 7 4	Domestic	1919	1924	....
809	Pearl Coal Co., Ltd.	Alix	24	L.S.	6 33 38 23 4	Domestic	1919	1923	....
811	Palisade Coal Co., Ltd.	Three Hills	25	L.S.	10 36 31 24 4	Domestic	1919	1923	....
849	Petit, J. L.	Halcourt	40	L.S.	21 70 10 6 5	Domestic	1920	1921	....
850	Perlin, H. E.	Coleman	1	L.S.	34 7 5 5	Bituminous	1920	1923	....
851	Peerless Carbon Coal Mines, Ltd.	Carbon	26	L.S.	1 14 29 23 4	Domestic	1920	1921	....
854	Pacific Colliery Company	Lovettville	38	S.W.	1 10 47 19 5	Sub-Bituminous	1920	1921	....
887	Parr, John	Castor	23	S.E.	1 26 37 14 4	Domestic	1921	1921	....
888	Pearson, Magnus	Calmar	32	L.S.	6 36 50 27 4	Domestic	1921	1921	....
916	Priddis Collieries	Priddis	11	S.W.	1 20 22 3 5	Sub-Bituminous	1921	1923	....
919	Peters, F. C.	Mecheche	22	L.S.	15 30 29 17 4	Domestic	1921	1921	....
920	Prescott, John	Scollard	18	L.S.	9 34 34 21 4	Domestic	1921	1921	....
934	Perry, W. H.	Burdett	7	L.S.	10 36 11 11 4	Domestic	1921	1924	....
949	Patton, George	Delburne	24	S.E.	1 27 37 22 4	Domestic	1921	1921	....
990	Pickering, B.	Cluny	21	L.S.	7 22 20 4 4	Domestic	1921	1922	....
1007	Porter, John	Rockyford	14	L.S.	16 13 27 24 4	Domestic	1922	1922	....
1022	Pickard & Co., Joseph	Ellerslie.	32	L.S.	12 25 51 25 4	Domestic	1922	1923	....
1027	Parnell, William	Medicine Hat	8	L.S.	1 24 12 8 4	Domestic	1922	1922	....
1082	Partridge, William	Wetaskiwin	28	L.S.	1 14 45 24 4	Domestic	1922	1923	....
1096	Patton, J. L.	Lundbreck	2	L.S.	15 26 7 2 5	Sub-Bituminous	1923	1924	....
1177	Poholka, Steve	Strathcona	32	N.W.	3 25 51 25 4	Domestic	1924	1923	....
933	Quebec, J. M.	Edmonton South	32	L.S.	1 29 51 25 4	Domestic	1921	1923	....
1084	Quist, Albert	Mayerthorpe	36	L.S.	1 14 56 9 5	Domestic	1923	1923	....
18	Ramsay & George	Edmonton South	31	R.L.	23 Edm. Sett.	Domestic	1897	1907	....
39	Reliance Coal Mining Co.	Taber	6	R.L.	3 9 16 4	Domestic	1905	1909	....
51	Ransome, M. E.	Clover Bar	30	R.L.	42 Edm. Sett.	Domestic	1901	1906	....

LIST OF MINES—(Continued)

Mine No.	Operator	Address	District No.	Location			Character of Coal	Date of		
				S.	T.	W. of R. M.		Open- ing	Aban- don- ment	Re- open- ing
55	Reed, Robert	Lethbridge	4	L.S.	2	18	Domestic	1902	1919	1920
70	Rathbun, L. F.	Longview	10	L.S.	5	9	Sub-Bituminous	1902	1911	1923
75	Rech, Chas.	Namoo	33	L.S.	4	16	Domestic	1903	1917	1923
77	Rhodes & Kaye	Lundbreck	2	L.S.	26	7	Sub-Bituminous	1903	1913	1922
128	Rosedale Coal Co.	Edmonton	31	R.L.	28	Edm. Sett.	Domestic	1907	1909	1909
136	Rhodes, George	Long Coulee	9	L.S.	7	8	Domestic	1907	1911	1911
154	Raisbeck, Luke	Grassy Lake	7	S.	1/2	9	Domestic	1907	1908	1908
156	Ruperts Land Coal Co.	Oliver	30			11	Domestic	1907	1922	1922
161	Reece, William	Magrath	4			2	Domestic	1907	1919	1919
162	Reece, William	Magrath	4	S.W.	1/4	2	Domestic	1908	1915	1915
165	Redcliff Brick & Coal Co.	Redcliff	8	L.S.	14	5	Sub-Bituminous	1908	1915	1915
169	Russell, John	Mitford	11			13	Domestic	1908	1909	1909
172	Reynolds, H. I.	Elcan.	6			4	Domestic	1908	1908	1908
182	Raymond Coal Co.	Edmonton	30			27	Domestic	1908	1909	1909
212	Ruscoe, Richard	Halkirk	23	L.S.	12	8	Domestic	1910	1913	1913
221	Riviere Qui Barre Coal Co.	Riviere Qui Barre	33	S.E.	1/4	30	Domestic	1910	1914	1914
228	Regal Collieries	Taber	6	L.S.	8	19	Domestic	1910	1914	1915
250	Round Hill Colls., Ltd.	Round Hill	28	L.S.	1	30	Domestic	1910	1924	1924
276	Rothenshauser, E.	Diamond City	3	L.S.	13	9	Domestic	1911	1919	1919
281	Russell, J.	Cremona	11	L.S.	13	30	Sub-Bituminous	1911	1914	1914
301	Robinson, U. G.	Big Valley	18	Near Big Valley.		29	Domestic	1911	1914	1914
320	Rider Brothers	Gadsby	23	N.W.	1/4	31	Domestic	1911	1913	1913
332	Redcliff Premier Brick Co., Ltd	Redcliff	8	N.W.	1/4	9	Shale	1912	1922	1923
344	Raber, Elsworth	Winnifred	7	L.S.	13	22	Domestic	1912	1914	1914
346	Rosedale Coal Co., Ltd.	Rosedale	16	L.S.	14	28	Domestic	1912	1916	1916
347	Rosedeer Coal Mining Co., Ltd.	Wayne	17	L.S.	13	7	Domestic	1912	1916	1916
353	Roberts, William	Foremost	7			36	Domestic	1912	1913	1913
363	Rathbun, L. F.	Longview	10			8	Sub-Bituminous	1912	1913	1913

LIST OF MINES—(Continued)

Mine No.	Operator	Address	District No.	Location			Character of Coal	Date of		
				S.	T.	W. of R. M.		Open- ing	Aban- don- ment	Re- open- ing
399	Roth, John	Prosper	7	S.W.	13	7	Domestic	1913	1924	1916
379	Redcliff Pressed Brick Co., Ltd.	Redcliff	8	L.S.	5	13	Shale Mine	1913	1914	1916
409	Rollingson, John	Magrath	4	L.S.	4	17	Domestic	1913	1914	1914
431	Rambo, M. C.	Edson	36	N.W.	1/4	2	Domestic	1914	1914	1914
446	Ruffell, Alfred	Lethbridge	3	S.E.	1/4	31	Domestic	1914	1914	1914
450	Robinson, Willie	Forestburg	27	L.S.	1	32	Domestic	1914	1915	1915
465	Raisbeck, Luke	Grassy Lake	7	S.E.	1/4	9	Domestic	1915	1917	1917
469	Ross, R. A.	Scollard	18	L.S.	9	34	Domestic	1915	1917	1917
479	Royal, Edward	Craigmyle	22	S.W.	1/4	12	Domestic	1915	1915	1915
602	Reville, Walter	Wisdom	8	L.S.	11	2	Domestic	1915	1915	1915
606	Riley, John W.	Lundbreck	2	N.W.	1/4	26	Sub-Bituminous	1915	1917	1917
608	Richmond, Andrew	Erskine	23	L.S.	15	10	Domestic	1915	1916	1916
653	Ray, George A.	Halcourt	40	S.E.	1/4	25	Domestic	1916	1917	1917
665	Rich & Bergen	Gadsby	23	N.E.	1/4	21	Domestic	1916	1917	1917
671	Reed, Archer M.	Ghost Pine Creek	26	S.W.	1/4	28	Domestic	1916	1917	1917
718	Rataushk, Fred	Eagle Butte	8	L.S.	15	28	Domestic	1917	1917	1917
720	Rudolph Brothers	Edmonton South	32	L.S.	13	5	Domestic	1917	1924	1924
734	Rosemont Coal Co., Ltd.	Aerial	16	L.S.	11	21	Domestic	1918	1918	1918
738	Rollingson, George	Raymond	3	L.S.	2	11	Domestic	1918	1918	1918
743	Rawlusk, Pete	Beynon	14	L.S.	1	30	Domestic	1918	1918	1918
765	Redcliff Brick & Coal Co., Ltd.	Redcliff	8	L.S.	14	5	Shale Mine	1918	1918	1918
794	Roth, John	Ertikon	7	L.S.	6	10	Domestic	1918	1918	1918
808	Consolidated with No. 831	Alix	24	L.S.	10	33	Domestic	1918	1923	1923
810	Russell, Sandquist & Blair	Alix	24	L.S.	10	38	Domestic	1919	1923	1923
831	Ruby Glow Coal Co., Ltd.	Alix	24	L.S.	10	38	Domestic	1919	1920	1920
835	Rowland, A. E.	Delburne	24	S.E.	1/4	10	Domestic	1919	1921	1921
869	Reed & Brown, Ltd.	Edmonton	31	R.L.	26	Edm. Sett.	Domestic	1919	1921	1921
891	Russell, Robert	Alix	24	L.S.	11	12	Domestic	1920	1921	1921

LIST OF MINES—(Continued)

Mine No.	Operator	Address	District No.	Location			Character of Coal	Date of		Re-open- ing
				S.	T.	W. of R. M.		Open- ing	Aban- don- ment	
902	Remillard, J. B.	Castor	23	L.S.	16	33	Domestic	1921	1922	1922
977	Consolidated with No. 738	Lethbridge	3	L.S.	2	11	Domestic	1922	1922	1922
979	Rowan, Leonard	Carbon	26	L.S.	11	3	Domestic	1922	1923	1923
827	Rollingson, John	Magrath	4	L.S.	1	7	Domestic	1919	1920	1920
981	Rollingson, John	Magrath	4	L.S.	13	8	Domestic	1922	1922	1922
1015	Ross & Saunders	Big Prairie	11	L.S.	13	30	Sub-Bituminous	1922	1923	1923
1017	Rouse, J. A.	Beynon	14	S.W.	14	6	Domestic	1922	1922	1922
1018	Robertson & Taylor	Ardley	24	S.W.	14	17	Domestic	1922	1922	1922
1020	Rozzolini, A.	Lethbridge	4	L.S.	14	7	Domestic	1922	1923	1923
1052	Raymond, J.	Edmonton	30	R.L.	38	Edm. Sett.	Domestic	1922	1923	1923
1122	Renfrew Coal Co.,	Taber	6	L.S.	2	1	Domestic	1923	1923	1924
1133	Ramstead, Emil	Donalda	27	N.W.	14	32	Domestic	1924	1924	1924
1141	Rhodes, Herbert	Champion	9	L.S.	2	28	Domestic	1924	1924	1924
1153	Rhodes, Harold	Burnis	1	L.S.	2	12	Bituminous	1924	1924	1924
1154	Red Glow Coal Co.	Wayne	17	S.E.	14	2	Domestic	1924	1924	1924
28	Stewart & Campbell	Namoo	33	N.E.	14	8	Domestic	1897	1913	1913
47	Strathcona Coal Co.	Edmonton S.	32	R.L.	9	Edm. Sett.	Domestic	1905	1911	1911
61	Scott, Fred	Medicine Hat	8	S.E.	14	6	Domestic	1906	1911	1911
110	Sutherland, Murdock	Namoo	33	S.E.	14	4	Domestic	1906	1911	1911
135	Smith, T. Edwin	Carmanagay	9	L.S.	2	36	Domestic	1906	1911	1911
144	Scott & MacLene	Pincher Creek	2	W.	12	20	Sub-Bituminous	1906	1917	1917
157	Southern Alberta Coal Co., Ltd.	Taber	6	S.E.	14	8	Domestic	1907	1911	1911
163	Shirts, James E.	Taber	6	S.E.	14	30	Domestic	1908	1911	1911
183	Consolidated with No. 244	Canrose	28	S.E.	14	33	Domestic	1909	1913	1913
195	Standard Lethbridge Colls., Ltd.	Lethbridge	3	S.E.	14	28	Domestic	1909	1911	1911
196	Speers, H.	Namoo	33	N.E.	14	8	Domestic	1909	1914	1914
202	Superior Coal Co., Ltd.	Elcan.	6	N.W.	14	18	Domestic	1909	1913	1913
238	Simpson, M.	Bow Island	7	N.W.	14	36	Domestic	1910	1913	1913

LIST OF MINES—(Continued)

Mine No.	Operator	Address	District No.	Location			Character of Coal	Date of		Re-opening
				S.	T.	W. of R. M.		Open-ing	Aban-don-ment	
239	Savage, George W.	Winnifred	7	L.S.	10	35	12	10	4	1917
241	Spicer Coal Co., Ltd.	Dinant	28	L.S.	4	18	48	19	4	1910
244	Stoney Creek Colls., Ltd.	Camrose	28	L.S.	1	33	46	20	4	1910
255	Straub, F. A.	Alix	24	L.S.	5	17	38	23	4	1910
258	Sinclair, A. C.	Rose Lynn	22		21	28	14	4	4	1910
263	Security Coal Mines, Ltd.	Wabamun	35	N.E.	1/4	14	53	4	5	1911
264	Stavely Coal Mining Co.	Long Coulee	9	N.E.	1/4	29	14	21	4	1916
265	Simanton, W. H.	Winnifred	7	S.E.	1/4	22	12	10	4	1911
268	Strader & Green	Halkirk	23	L.S.	10	18	39	15	4	1916
286	Square Deal Mercantile Co.	Big Valley	18	S.W.	1/4	26	35	20	4	1911
307	Sanderson, W. J.	Long Coulee	9	N.W.	1/4	8	15	22	4	1913
311	Seale, James	Kimball	5		22	1	25	4		1913
355	Stainton, George F.	Munson	15		29	29	20	4		1912
368	Steegestra, Thomas	Conrey	5		15	9	2	6	4	1914
370	Schmidt, Stephen	Prosper	7	L.S.	16	30	7	8	4	1918
381	Simpson, T. E.	Lucky Strike	5	L.S.	13	6	3	11	4	1913
389	Smith, Frank	Namoo	33	L.S.	16	8	55	24	4	1913
422	Sterling Coal Co., Ltd.	Drumbeller	15	L.S.	5	9	29	20	4	1914
428	Sturgeon Valley Colls., Ltd.	Namoo	33	L.S.	15	8	55	24	4	1915
448	Santoni, Louis	Bow Island	7	L.S.	7	36	11	11	4	1914
449	Stewart, Colen	Forestburg	27	L.S.	15	36	40	16	4	1914
461	Smith, T. Edwin	Yetwood	9	L.S.	9	28	15	21	4	1922
494	Smithson, Irving	Halkirk	23	L.S.	5	20	37	15	4	1917
610	Strilczyk, Louis	Round Hill	28	L.S.	8	10	48	18	4	1916
625	Sikstrum, O. R.	Meeting Creek	27	L.S.	14	14	43	20	4	1915
636	Stewart, Robert	Delta	22	S.W.	1/4	6	30	17	4	1917
639	Spencer, Fred	Big Valley	18	L.S.	12	36	35	20	4	1916
663	Smith, Edwin T.	Long Coulee	9	L.S.	3	17	15	21	4	1918

THE MINES BRANCH

LIST OF MINES—(Continued)

Mine No.	Operator	Address	District No.	Location			Character of Coal	Date of	
				S.	T.	W. of R. M.		Open- ing	Aban- don- ment
666	Simmons, E. W.	Forestburg	27	L.S.	16	2	Domestic	1916	1916
673	Strader, Lawson	Halkirk	23	N.E.	¼ 18	39	Domestic	1916	1921
690	Sward, Henry	Rowley	18	L.S.	4 13	32	Domestic	1917	.....
697	Standard Coal Co., Ltd.	Wayne	17	L.S.	7 18	28	Domestic	1917	.....
717	Shaw, Dan	Castor	23	L.S.	2 34	37	Domestic	1917	1924
737	Stucco & Co., S.	Wayne	17	L.S.	2 19	28	Domestic	1918	1920
741	Sugars, Jackson & Ring	Edmonton	31	L.S.	120 Ave. & 130 St.	19	Domestic	1918	.....
753	Strickland, Thomas	Edmonton	33	L.S.	14 8	55	Domestic	1918	.....
761	Southern Alta. Coal Co., Ltd.	Lethbridge	3	L.S.	4 36	8	Domestic	1918	.....
762	Stevenson, Archibald & Co.	Retlaw	6	L.S.	14 7	11	Domestic	1918	.....
768	Shannon Coal Co., Ltd.	Carbon	26	L.S.	1 14	29	Domestic	1918	.....
769	Sterling Collieries, Ltd.	Sterco	38	L.S.	2 35	47	Sub-Bituminous	1918	.....
795	Shaw & Son, Jas. E.	Ardley	24	L.S.	2 33	38	Domestic	1919	.....
796	Sunbeam Colls., Ltd.	Drumheller	14	L.S.	2 1	29	Domestic	1919	.....
800	Steegstra & Rolison	Conrey	5	L.S.	9 4	2	Domestic	1919	.....
802	Sunburst Coal Company	Blairmore	1	E.	½ 34	7	Bituminous	1919	.....
821	Southern Alta. Coal Co.	Lethbridge	3	L.S.	10 36	8	Domestic	1919	1924
829	Stupor, Oakley & Co.	Blackstone Mines	38	S.E.	¼ 19	47	Sub-Bituminous	1919	.....
833	Superior Colls., Ltd.	Lovett	38	L.S.	6 16	47	Sub-Bituminous	1919	.....
836	Consolidated with No. 761	Lethbridge	3	L.S.	3 36	8	Domestic	1919	.....
838	Smith, A.	Suffield	8	L.S.	7 28	12	Domestic	1919	.....
845	Scorgie, Wm.	Halcourt	40	S.E.	¼ 21	70	Domestic	1920	.....
846	Saunders Ridge Coal Co., Ltd.	Mercoal	38	L.S.	5 25	48	Sub-Bituminous	1920	.....
847	Scranton Coal Co., Ltd.	Rosedale	16	L.S.	19	28	Domestic	1920	.....
872	Sand, D. W.	Edberg	27	N.E.	¼ 2	44	Domestic	1920	.....
878	Sharkey, H.	Bittern Lake	28	R.L.	26 15	29	Domestic	1920	.....
883	Seale, J. E.	Carbon	26	N.E.	¼ 15	29	Domestic	1921	.....
886	Sereda, Ilko	Leduc	32	L.S.	13 26	50	Domestic	1921	.....

LIST OF MINES—(Continued)

Mine No.	Operator	Address	District No.	Location			Character of Coal	Date of	
				S.	T.	R. M.		Open- ing	Aban- don- ment
890	Smalley, Melvin.....	Redwater.....	29	L.S.	7	22	Domestic.....	1921	1921
899	Stanthorpe, J.	Taber.....	6	L.S.	15	12	Domestic.....	1921	.....
906	Stahl & Wurz.....	Rockyford.....	14	L.S.	14	23	Domestic.....	1921	.....
925	Schock, J. J.	Thelma.....	8	L.S.	15	12	Domestic.....	1921	.....
927	Consolidated with No. 768	Carbon.....	26	L.S.	2	14	Domestic.....	1921	.....
946	Kriech, Paul.....	Nevis.....	23	L.S.	4	12	Domestic.....	1921	.....
1014	Sobotin, J., & Co.	Blackstone.....	38	S.E.	1/4	19	Sub-Bituminous	1922	.....
1050	Sandquist, K.	Hillsdown.....	24	L.S.	15	2	Domestic.....	1922	.....
1054	Stauffer, Fred.....	Forestburg.....	27	L.S.	1	2	Domestic.....	1922	.....
1058	Stiles, C. J.	Halkirk.....	23	S.E.	1/4	31	Domestic.....	1922	.....
1061	Steen, Ernest.....	Nanton.....	10	S.E.	1/4	35	Sub-Bituminous	1922	.....
1062	Strader, Charles.....	Halkirk.....	23	L.S.	4	17	Domestic.....	1922	.....
1065	Spokane & Alberta Coal & Coke Co.	Crow's Nest, B.C.	1	S.W.	1/4	26	Bituminous.....	1922	.....
1069	Swift, G. H.	Hairy Hill.....	29	L.S.	2	24	Domestic.....	1922	.....
1074	Streich, Paul.....	Nevis.....	23	L.S.	8	4	Domestic.....	1923	.....
1075	Sinclair, W. B.	Rose Lynn.....	22	L.S.	13	27	Domestic.....	1923	.....
1076	Shepler, Ray.....	Rosedale Stn.....	16	L.S.	5	7	Domestic.....	1923	.....
1095	Suran, John.....	Hardieville.....	3	L.S.	9	30	Domestic.....	1923	.....
1126	Seale, J. E.	Carbon.....	26	L.S.	5	13	Domestic.....	1923	.....
1137	Smith & Popovich.....	Champion.....	9	L.S.	2	4	Domestic.....	1924	.....
1142	Simpson, H.	Priddis.....	11	L.S.	11	27	Sub-Bituminous	1924	.....
1143	Stutzman, M. D.	Kingman.....	28	S.W.	1/4	15	Domestic.....	1924	.....
1146	Snarey, George.....	Munson.....	15	L.S.	9	22	Domestic.....	1924	.....
1161	Smith, E. R.	Cardston.....	5	L.S.	7	15	Domestic.....	1924	.....
1170	Sunheat Coal Co.	Priddis.....	11		33	22	Sub-Bituminous	1924	.....
1181	Saunders & Gauth.....	Castor.....	23	N.W.	1/4	8	Domestic.....	1924	.....
16	Talbot, Mr.	Namoo.....	33	S.E.	1/4	17	Domestic.....	1904	.....
112	Three Hills Coal & Dev. Co., Ltd.	Three Hills.....	25	S.W.	1/4	35	Domestic.....	1906	.....

LIST OF MINES—(Continued)

Mine No.	Operator	Address	District No.	Location			Character of Coal	Date of		
				S.	T.	W. of R. M.		Open- ing	Aban- don- ment	
113	Trentham, Albert	Three Hills	25	L.S.	16	26	31	24	4	1906
150	Consolidated with No. 252	Tofield	29							1907
160	Thorne, John	High River	10		9	18	2	5		1909
225	Thomas, John	Diamond City	3	L.S.	13	9	10	21	4	1910
249	Terris, Chapen	Heisler	27	L.S.	9	16	42	17	4	1910
251	Tyrluk, John	Heisler	27	N.E.	1/4	28	42	17	4	1910
252	Tofield Coal Co., Ltd.	Tofield	29	N.	1/2	26	50	19	4	1910
313	Tonge & Gorton	Pincher Creek	2	L.S.	1	16	6	30	4	1911
322	Trochu Coal Co.	Trochu	24	S.E.	1/4	34	32	23	4	1911
382	Thorpe, Geo. W.	Windy Ridge	7	L.S.	4	16	7	9	4	1913
402	Thomas Coal Co., J. D.	Nacmine	15	Bet.	7 & 8	29	20	4		1913
481	Toth, John	Warner	5	L.S.	4	16	4	16	4	1915
491	Treber, L. C.	Hanna	22	L.S.	16	18	29	14	4	1915
495	Thompson, Ole	Lousana	24	L.S.	16	12	36	22	4	1915
616	Tate, John	Ferry Point	27	S.E.	1/4	18	43	17	4	1916
637	Trentham, Wm. T.	Three Hills	25	L.S.	15	22	31	24	4	1916
652	Taft, John B.	Grande Prairie	40	N.E.	1/4	35	70	7	6	1916
745	Thomas, Joseph D.	Aerial	16	N.W.	1/4	18	28	19	4	1918
813	Tabor Coal Mining Co.	Drumheller	16	N.W.	1/4	11	28	19	4	1919
817	Trentham, H.	Ghost Pine	26	L.S.	2	6	31	21	4	1919
907	Thomas, George	Sheerness	22	L.S.	16	16	29	13	4	1921
930	Tynsdale & Smith	Nevis	23	L.S.	15	33	38	22	4	1921
931	Taylor, Robert	Rosedale	16	L.S.	10	20	27	18	4	1921
936	Turner & Smith	Suffield	8	L.S.	1	29	12	10	4	1924
994	Tunke, A. H.	Edberg	27	L.S.	3	18	44	19	4	1924
999	Taylor, E. H.	Halkirk	23	L.S.	3	30	37	15	4	1922
1105	Taylor, Thomas	Lucky Strike	5	L.S.	7	10	3	11	4	1923
1123	Terris, Chapen	Gramania	32	L.S.	13	31	50	26	4	1924

LIST OF MINES—(Continued)

Mine No.	Operator	Address	District No.	Location			Character of Coal	Date of	
				S.	T.	W. of R. M.		Open- ing	Aban- don- ment
1175	Tonge, Thomas.....	Lundbreck.....	2	S.W. 1/4	23	7	Sub-Bituminous	1924	1918
488	Unsworth, Robert.....	Garden Plain.....	2	L.S. 13	6	33	Domestic	1915	1918
711	United Coal Co.....	Barnwell.....	6	L.S. 8	4	10	Domestic	1917	1924
788	Urwin, Wm.....	Lethbridge.....	3	L.S. 1	18	7	Domestic	1918	1918
1057	Ulmer, W. F.....	Castor.....	23	N.W. 1/4	3	38	Domestic	1922	1924
194	Vasseur, Rene.....	Ghost Pine.....	26	N.E. 1/4	4	31	Domestic	1909	1918
651	Voz, Joseph.....	Grande Prairie.....	40	L.S. 14	35	70	Domestic	1916	1918
830	Van de Ryse & Beckett.....	Lake Isle.....	35	L.S. 2	34	53	Domestic	1919	1921
864	Vimy Coal, Light & Power Co., Ltd.....	Big Valley.....	18	L.S. 16	26	35	Domestic	1920	1921
896	Vitaly Co., Ltd.....	Blackstone Mines.....	38	L.S. 2	16	47	Sub-Bituminous	1921	1923
942	Van Brocklin & Wonski.....	Lethbridge.....	3	L.S. 5	16	10	Domestic	1922	1922
996	Vair, Wm. H.....	Boundary Creek.....	5	N.E. 1/4	29	1	Domestic	1922	1922
997	Vare, W. E.....	Boundary Creek.....	5	N.W. 1/4	32	1	Domestic	1922	1922
1041	Vitaly & Lavorato.....	Wetaskiwin.....	28	L.S. 6	10	45	Domestic	1922	1922
1073	Valgardson, W.....	Taber.....	6	S.E. 1/4	30	10	Domestic	1923	1924
64	West Canadian Colls., Ltd.....	Blairmore.....	1	L.S. 10	20	7	Bituminous	1902	1913
87	West Canadian Colls., Ltd.....	Bellevue.....	1	L.S. 13	22	31	Bituminous	1903	1905
102	Wilson, John.....	Leduc.....	32	West of Leduc.....			Domestic	1904	1905
116	Watson, George.....	Three Hills.....	25	L.S. 13	22	31	Domestic	1906	1915
122	Wataskiwin Coal Co.....	Strathcona.....	32	L.S. 20	51	25	Domestic	1906	1907
142	Watson, George.....	Three Hills.....	25	L.S. 22	31	24	Domestic	1907	1915
148	Western Coals, Ltd.....	Edmonton.....	31	L.S. 22	53	24	Domestic	1907	1915
186	Walwork, James.....	Bow Island.....	7	R.L. 31	36	11	Domestic	1909	1912
193	West Canadian Colls., Ltd.....	Blairmore.....	9	S.W. 1/4	35	7	Bituminous	1909	1918
198	Watkins, W. E.....	Champion.....	1	L.S. 13	4	16	Domestic	1909	1918
243	Washkoski, Michael S.....	Castor.....	23	S.E. 1/4	26	37	Domestic	1910	1916
291	Wagner, Joseph.....	Gadsby.....	23	S.W. 1/4	28	39	Domestic	1911	1916
303	Watson, George.....	Three Hills.....	25	L.S. 11	22	31	Domestic	1911	1920

LIST OF MINES—(Continued)

Mine No.	Operator	Address	District No.	Location			Character of Coal	Date of			
				S.	T.	W. of R. M.		Open- ing	Aban- ment	Re- open- ing	
308	Wukusich, Louis.....	Lucky Strike	5	L.S.	7	10	3	11	4	1911	1921
314	Walsh, W. R.	Ardley	24	S.E.	¼	19	29	38	23	4	1919
321	Warneboldt, J.	Sheerness	22	L.S.	7	19	29	12	4	1911	1923
396	West Canadian Colls., Ltd.	Blairmore	1	L.S.	10	2	8	4	5	1913	
430	Weaver, Hugh	Edberg	27	L.S.	18	44	19	4	4	1914	1915
442	Williscroft, W. & G.	Namoo	33	S.E.	¼	3	55	24	4	1915	1915
445	Watson, George	Twining	25	L.S.	6	14	31	24	4	1914	1918
471	Wooden, Clyde M.	Rumsey	18	L.S.	15	18	34	21	4	1915	
490	Wright Brothers	Garden Plain....	22	N.E.	¼	18	33	13	4	1915	1921
624	Williams, C.	Priddis	11		4	22	3	5		1915	1916
630	Consolidated with No. 243	Castor	23							1916	1916
640	Western Commercial Co., Ltd.	Wayne	17	L.S.	1	7	28	19	4	1916	
654	Waldo, Walter H.	Halcourt	40	L.S.	14	24	70	11	6	1916	1917
678	Western Gem Coal Co., Ltd.	Drumheller	15	L.S.	13	10	29	20	4	1917	
682	Wedman, Gottlieb	Strathcona	32	L.S.	4	6	51	25	4	1917	1918
705	Wright, George	Garden Plain....	22	L.S.	10	18	33	13	4	1917	1919
721	Worthington & Cunningham	Strathcona	32	L.S.	10	29	51	25	4	1917	1918
739	Watkins, W. E.	Champion	9	L.S.	4	9	16	23	4	1918	
793	Wisla, Albert	Heisler	27	L.S.	7	3	43	17	4	1918	
822	Willis, Walter	Champion	9	L.S.	4	24	16	22	4	1919	1919
834	Wilson, Frank L.	Rosalind	27	L.S.	14	4	37	17	4	1919	1921
857	Walker & Lee	Standard	14	L.S.	5	11	25	22	4	1920	
862	Wright, James	Garden Plain....	22	S.W.	¼	6	34	13	4	1920	
889	Wocknitz, A. E.	Lethbridge	3	L.S.	16	2	8	22	4	1921	
914	Ward, John	Eyremore	21	L.S.	3	23	17	17	4	1921	1923
928	Willie, John	Nevis	23	L.S.	15	10	38	22	4	1921	1922
975	Westgate Coal Syndicate	Eyremore	21		27	17	17	17	4	1922	1923
983	Warren, E. H. F.	Diamond City...	3	N.W.	¼	27	10	21	4	1922	

LIST OF MINES—(Continued)

BOARD OF EXAMINERS

The constitution of the Board during 1924 was as follows:

As representing:

- (a) The Mine Inspectorate:
John T. Stirling, Chief Inspector of Mines.
 - (b) Managers:
Norman Fraser, Robert Livingstone.
 - (c) Working Miners:
Evan Morgan, Wm. Lammie.
- Secretary: James A. Richards.

Examinations were held during the year as follows:

For First and Second Class Certificates of Competency, on June 11, 12 and 13 at Blairmore, Lethbridge, Edmonton, Drumheller, Nordegg and Cadomin.

For Third Class Certificates of Competency at Blairmore, Canmore, Edmonton and Cadomin on May 6, at Drumheller on May 8, at Nordegg on May 13, and Brule on June 5.

For Mine Surveyors' Certificates of Competency on June 13, at Blairmore, Edmonton, Drumheller and Nordegg.

Sixteen candidates presented themselves for examination for First Class Certificates, of whom four were successful; twenty-two for examination for Second Class Certificates, ten of whom were successful; thirty for examination for Third Class Certificates, twenty-five of whom were successful; and eleven for examination for Mine Surveyors' Certificates, six of whom were successful.

During the year two hundred and seventy Provisional Certificates were granted to persons authorizing them to act as Overmen until they had an opportunity of obtaining final Certificates by examination.

PROVINCE OF ALBERTA

EXAMINATIONS UNDER "THE MINES ACT"
JUNE 11, 12 AND 13, 1924

FIRST CLASS CERTIFICATES

Marks Obtainable 200.

Marks Required 120.

PAPER No. 1.

Time—Three and one-half hours.

THE MINES ACT

	Values
1. What are the requirements of <i>The Mines Act</i> with reference to how wages are to be paid and determined?.....	15
2. What are the provisions of <i>The Mines Act</i> regarding check-weighmen and checkers?.....	15
3. What are the provisions of <i>The Mines Act</i> with reference to duties of Examiners?.....	25
4. What are the provisions of <i>The Mines Act</i> with reference to:	
(a) plans of operating mines?	
(b) plans of abandoned mines?.....	20
5. What are the provisions of <i>The Mines Act</i> and Regulations made thereunder with reference to permitted explosives?.....	17
6. What are the provisions of <i>The Mines Act</i> with reference to accidents?..	23
7. What are the requirements of <i>The Mines Act</i> and Regulations made thereunder with reference to air measurements?.....	20
8. What are the provisions of <i>The Mines Act</i> and Regulations made thereunder with reference to haulage roads?.....	25
9. What are the provisions and Regulations of <i>The Mines Act</i> for the installation and use of electricity in and about mines with reference to notices for workmen?.....	20
10. What are the accidents which may occur to workmen in connection with hoisting shafts and what are the provisions of <i>The Mines Act</i> with reference to preventing these accidents?.....	20

PROVINCE OF ALBERTA

EXAMINATIONS UNDER "THE MINES ACT"

JUNE 11, 12 AND 13, 1924

FIRST CLASS CERTIFICATES

Marks Obtainable 200.

Marks Required 120.

PAPER No. 2.

Time—Three and one-half hours.

GASES, SHOT-FIRING, AND SAFETY LAMPS

	Values
1. A sample of dust taken from an underground roadway and suspected to be dangerous is sent to a laboratory for special examination. To what tests should it be submitted and what should the tests disclose in order to give you full information as to its character?.....	15
2. What tests should explosives undergo before being put on the Permitted List? State the composition of three permitted explosives.....	15
3. Give an account of the different methods of dealing with coal dust in the Province of Alberta— (a) on haulage roads; (b) in rooms; (c) where a shot is to be fired at the working face.....	20
4. Sketch and describe in detail a portable electric lamp suitable for use in fiery mines and state under what conditions the use of lamps of this kind may constitute a danger.....	20
5. Write the chemical symbols, give the atomic weights and describe the principal properties of fire-damp, carbon dioxide, carbon monoxide, and the constituents of air. State in what respect air differs chemically from other gases named.....	20
6. A large underground fire gets beyond control in a mine yielding fire-damp. Describe a quick and effective method of closing entries at the surface also what means you would afterwards adopt to obtain evidence as to the progress or extinction of the fire, and what conditions would indicate the possibility of safely re-opening.....	25
7. Describe the general character of a seam of coal liable to spontaneous combustion. Describe and sketch a method of working it so as to obviate fires in future. State the advantages of your plan and describe alternate methods of dealing with a supposed fire.....	20
8. The following is a chemical analysis of a mine air sample. Compare it with a normal mine air sample, and state under what conditions such a sample is likely to be obtained: Carbon dioxide 0.40 per cent. Oxygen 15.83 per cent. Methane 1.68 per cent. Nitrogen 82.09 per cent.	22
9. What is the maximum percentage of CH ₄ you would allow in the air of development places and in the return airway from these places; also what is the maximum percentage of CH ₄ you would allow in pillars and in the return airway from pillars? State what arrangements you would make to ensure these percentages not being exceeded.....	22
10. Give sizes of gas caps with percentages of CH ₄ they represent when testing with the Wolf lamp. Describe the Burrell gas detector and compare it with the Wolf lamp as a gas detector	21

PROVINCE OF ALBERTA

EXAMINATIONS UNDER "THE MINES ACT"

JUNE 11, 12 AND 13, 1924

FIRST CLASS CERTIFICATES

Marks Obtainable 200.

Marks Required 120.

PAPER No. 3.

Time—Three and one-half hours.

THEORY AND PRACTICE OF VENTILATION

	Values
1. What is meant by the expression "Manometrical efficiency of a ventilator"? Given two centrifugal ventilators of the same construction and dimensions, one making twice as many revolutions as the other; would the former give twice as much air as the latter? Give reasons for your answer.....	16
2. Given two adjoining shafts 600 yds. deep, the average temperature of one being 60 degrees Fahr. that in the other 70 degrees Fahr. and the average weight of a cubic foot of air in the former 0.078 lbs. Calculate the average weight of a cubic foot of air in the warmer shaft and the height of water-gauge corresponding to the difference in pressure.....	25
3. If a fan is developing 60 indicated horse-power in drawing 130,000 cubic feet of air per minute through a mine with a water-gauge of 2 inches, what is the combined efficiency of the engine and fan?.....	20
4. Show the general construction of a Walker "Indestructible Fan" by means of three sketches, inside elevation, end elevation and plan respectively and state how it is usually driven.....	20
5. Make a plan of a mine and show how you would ventilate the working faces by means of six separate air currents or splits. Show the direction of each air current and the positions of air-crossings, doors, stoppings regulators and sheets. The workings are assumed to be level. The downcast is the winding shaft.....	20
6. Show in detail by means of sketches the construction of an air-crossing, an air door, a regulator, a wooden brattice and a practically air-tight permanent stopping.....	18
7. What quantity of air in thousands of cubic feet per minute will pass through an opening in a regulator with an area of 4 square feet under a pressure equal to $\frac{1}{2}$ inch of a column of water? The weight of a cubic foot of air is to be taken as 0.08 lbs.	15
8. Quote the formula employed for finding the equivalent orifice of a mine, and show the details from which it is constructed. Calculate the equivalent orifice of a mine through which 200,000 cubic feet of air per minute is being drawn with a water-gauge of 3 inches.....	15
9. In a seam dipping 20 degrees, the airways are driven on the full pitch of the seam from the surface. Keeping in mind the requirements of <i>The Mines Act</i> , sketch and describe how you would place a Sirrocco fan capable of producing 100,000 cubic feet of air per minute at the entrance to one of the airways. Give dimensions of the structure.....	26
10. What is the object of having an évasée chimney on an enclosed fan? Can the same purpose be attained with an open running fan, and, if so, in what manner? Explain how the contrary purpose is illustrated in the object of a ventilating regulator.....	25

THE MINES BRANCH
PROVINCE OF ALBERTA

EXAMINATIONS UNDER "THE MINES ACT"
JUNE 11, 12 AND 13, 1924

FIRST CLASS CERTIFICATES

Marks Obtainable 200.

Marks Required 120.

PAPER No. 4.

Time—Three and one-half hours.

PRACTICAL WORK, MINE RESCUE AND FIRST AID

	Values
1. Sketch a section or district of a mine showing how you would lay out your roads and work a seam of coal 6 feet thick with a full dip 1 in 7 and the line of cleavage parallel with the line of strike or level.	18
2. How would you enlarge a tunnel 11 feet by 7 feet to 20 feet by 12 feet? The centre line of the tunnel on the plan being the same. The small tunnel is heavily timbered and has to be kept open for the haulage of coal. What permanent method of support would you adopt in the large tunnel which has to stand many years? Give sketches.	20
3. Describe two kinds of face conveyors giving the special points in favor and drawbacks of each and state shortly the advantages and disadvantages of coal conveyors in general.	18
4. State various kinds of coal cutters you are acquainted with and give your views on the advantages and disadvantages of each.	15
5. The brickwork in a shaft in which no winding is done has given away in several places. How would you temporarily protect the shaft and what permanent means would you adopt in renewing the brickwork? What kind of scaffold would you use? The ventilation to be carried on as usual.	20
6. Enumerate the characteristics of anthracite, bituminous, sub-bituminous and lignite coal.	18
7. Make a sketch of an underground stable for 15 horses, showing how the stalls are ventilated. How much and what kind of food would you provide? Where would you store it and what arrangements would you make for a supply of water? What would the mangers be made of and what bedding would you prefer?	20
8. In a mine producing domestic coal the seam has an inclination of 30 degrees and is 9 feet thick with one foot of clay and bone near the centre. It has been decided to drive inclines on the full pitch of the seam from the entry, and to turn rooms off the inclines at forty feet centres at right angles to the inclines. The inclines are to be 400 feet long. Describe in detail the method you would adopt to get the coal from the working face to the entry.	23
9. Describe fully with the aid of sketches the arrangement you would have for dealing with an output of 400 tons per day of eight hours on a self-acting incline 500 feet long, with an inclination of 22 degrees.	22
10. Sketch and describe the general arrangement of screening plant you would adopt at a domestic coal mine, with a seam of the following section, producing 500 tons per day of eight hours. The coal is to be sized to suit the present Canadian market:	
Roof—sandstone;	
Coal—5 feet;	
Bone—6 inches;	
Clay—8 inches;	
Coal—3 feet, 8 inches;	
Floor—shale.	26

PROVINCE OF ALBERTA

EXAMINATIONS UNDER "THE MINES ACT"

JUNE 11, 12 AND 13, 1924

FIRST CLASS CERTIFICATES

Marks Obtainable 200.

Marks Required 120.

PAPER No. 5.

Time—Three and one-half hours

MACHINERY

Values

1. A net load of three tons of coal is to be raised per wind from a depth of 1,500 feet. The steam pressure available at the stop valve is 85 lbs. per square inch and the stroke is to be twice the diameter of the cylinders. Choose your own mean effective pressure and make a suitable allowance for starting under the worst conditions. Employing the above data and ignoring all others, calculate the diameter of each cylinder. 23
2. Answer as accurately as possible the following questions:
 - (a) What is a British Thermal Unit of heat?
 - (b) What is the pressure of the atmosphere at about sea level?
 - (c) How many horse-powers are there in 10 K.W.?
 - (d) What is the weight of cast iron per cubic inch or per cubic foot?
 - (e) What are the dimensions and weight of an ordinary brick?
 - (f) What is the pressure per square foot due to a head of 300 yards of water column? 20
3. What portable electrical instruments are useful to the electrician at a colliery in testing motors and cables and how are these instruments used? 18
4. State data or particulars that should be sent to makers to enable them to quote for a centrifugal pump direct coupled to an electric 3-phase motor with switchgear for starting, controlling and protecting the motor, the particulars being so complete that the makers have not to write or send for any more before quoting. 15
5. A compressor has compounded air cylinders 29 inches and 18 inches bore (inside diameter) by 42 inch stroke and runs at 110 r.p.m. What volume of air will be delivered to the receiver if the gauge pressure is 80 lbs. per square inch, assuming the volume to vary inversely as the pressure? What factor is ignored in this assumption? (Assume the atmospheric pressure to be 15 lbs. per square inch) 20
6. Describe the various steps that can be taken to economize the consumption of steam and coal at a colliery. Mention the kinds of plant that are installed for this purpose and briefly describe any two of them. 17
7. State what kind of pump you would instal for performing the following services; describe very briefly the features of each type and give, also briefly, your reasons for choosing the type:
 - (a) for extracting air and water from a surface condenser;
 - (b) for feeding a range of ten B. & W. boilers;
 - (c) for keeping a shaft bottom dry for the sinkers with an inflow of water of 400 gallons per minute at a depth of 500 feet. 22
8. What are the objects aimed at in applying an overspeed and overwind preventer to a winding engine? Briefly describe the construction and action of one type of overspeed and overwind preventer. 20
9. Explain briefly in your own words the reason why a rotor of 3-phase induction motor revolves when the stator is supplied with electric power. A three-phase circuit has a current of 25 amperes at 440 volts. What is the horse-power if the power factor is 0.8? If, in a continuous current circuit, the current flows at the same voltage as in the previous question what is the horse-power? 18
10. Discuss the relative advantages of endless rope, main rope, and main and tail rope haulage. What size of engine would you require to deal with an output of 1400 tons in eight hours with main and tail rope haulage over a roadway three miles long with an inclination of 1 in 200 in favor of the load? Would you use the engine on first motion? If not, why not? 27

PROVINCE OF ALBERTA

EXAMINATIONS UNDER "THE MINES ACT"
JUNE 11, 12 AND 13, 1924

FIRST CLASS CERTIFICATES

Marks Obtainable 200. Marks Required 120.
PAPER No. 6. Time—Three and one-half hours.

SURVEYING, LEVELLING AND GEOLOGY

Values

1. A seam of coal outcrops on the side of a hill and dips at an angle of 15 degrees under the hill. A mine is to be opened up on the area next to an abandoned mine which is full of water. The plan shows that this abandoned mine was surveyed with a transit at the time of abandonment in accordance with the provisions of *The Mines Act*. How close, in your opinion, to the old workings as shown on the plan would it be safe to drive your new workings? Give the reasons for your answer. What precautions would you adopt, if any, when approaching the old workings? 20

2. It has been decided to store some coal at a mine. A level site has been chosen 300 feet long and 150 feet wide. Assuming that the coal covers the whole site and is piled at a depth of 20 feet and that the four sides of the pile slope at an angle of 45°, what weight of coal will there be in the pile if a ton of coal occupies 45 cubic feet?..... 25

3. Work out the following traverse by means of Latitudes and Departures and calculate the length and bearing of the closing line from Station 1 to Station 6:
- | Station | Bearing | Distance |
|---------|---------------|----------|
| 1 - 2 | S. 70° 11' W. | 210 feet |
| 2 - 3 | S. 62° 41' W. | 90 feet |
| 3 - 4 | S. 21° 21' E. | 239 feet |
| 4 - 5 | N. 84° 37' E. | 230 feet |
| 5 - 6 | N. 10° 30' E. | 162 feet |
- 28

4. Work out the following level notes filling in the Height of Instrument and the Elevations:

Station	Back Sight	Height of Instrument	Intermediate Sight	Fore Sight	Elevation
1	.....	.....	.....	.....	1390.70
2	4.32	.....	3.04	.....	.....
3	.....	.....	2.83	.....	.....
4	.....	.....	1.65	.....	.....
5	.....	.....	.....	0.97	.....
6	3.28	.....	4.60	.....	.....
7	.....	.....	5.73	.....	.....
8	.....	.....	6.82	.....	.....
9	.....	.....	.....	7.86	.....
10	5.24	.....	.....	4.21	.....

If these are the elevations along an entry 8 feet wide and if the horizontal distance between each station is 100 feet, calculate the difference in volume between the cut and the fill required to make a uniform grade from Station 1 to Station 10. 30

5. Describe the Kootanie coal-bearing strata. What formations overlie and underlie the Kootanie formation and of what do they consist?..... 18

6. Describe how you would establish permanent stations on the surface from which to start the survey of a new mine:
 - (a) in surveyed territory;
 - (b) in unsurveyed territory.
 Describe how you would construct these permanent stations and how far apart you would place them. 21
7. What precautions would you take and how would you proceed to survey the main entry of a mine where you wished to get as great accuracy as possible? 18
8. The plan of an underground survey as required by rule 5 of the rules governing the examinations must be handed in to the presiding examiner with this paper. 20
9. The profile of an underground levelling, as required by rule 5 of the rules governing the examinations must be handed in to the presiding examiner with this paper. 20

PROVINCE OF ALBERTA

EXAMINATIONS UNDER "THE MINES ACT"

JUNE 11, 12 AND 13, 1924

SECOND CLASS CERTIFICATES

Marks Obtainable 200.

Marks Required 100.

PAPER No. 1.

Time—Three and one-half hours.

THE MINES ACT

	Values
1. What are the duties of an examiner at the termination of work of a shift in the district of which he is in charge?.....	23
2. If a mine is to be closed or abandoned what steps must be taken to comply with the provisions of <i>The Mines Act</i> ?.....	18
3. What are the provisions of <i>The Mines Act</i> with reference to the use of explosives in coal mines?.....	25
4. What are the provisions of the general regulations regarding signals and manholes on planes worked by machinery?.....	20
5. State briefly the provisions of <i>The Mines Act</i> as to the use of safety lamps?	23
6. State the provisions of <i>The Mines Act</i> regarding ropes and chains.....	14
7. State the provisions of <i>The Mines Act</i> regarding hours of labor.....	16
8. What are the provisions of <i>The Mines Act</i> with reference to withdrawal of workmen in case of danger?.....	21
9. What are the report books which the overman has to initial?.....	20
Oral	20

PROVINCE OF ALBERTA

EXAMINATIONS UNDER "THE MINES ACT"

JUNE 11, 12 AND 13, 1924

SECOND CLASS CERTIFICATES

Marks Obtainable 200.

Marks Required 100.

PAPER No. 2.

Time—Three and one-half hours.

VENTILATION

	Values
1. Describe the construction and use of a barometer and a thermometer. Describe how each is graduated. State how the column of mercury is supported in the tube of the barometer and what causes the column of mercury to vary in length in each type of instrument.....	20
2. Sketch and describe two different kinds of appliances by means of each of which a single heading in a fiery seam can be ventilated. State which of the two is in your opinion the better and give your reasons for holding this opinion.....	22
3. If a fan making 100 revolutions per minute produces a water-gauge of 2 inches, what water-gauge will it produce when making 150 revolutions per minute? Give details of your calculation.....	22
4. In using stone dust underground state— (a) how you would distribute it; (b) when you would distribute it; (c) how you would decide on the quantity necessary; (d) how often would you repeat the distribution.....	23
5. Draw a plan of a section of underground workings on the room and pillar system. Trace by arrows the course of ventilation showing all necessary doors, stoppings, air crossings and also show the position and extent of brattice in leading places.....	25
6. What are the causes that lead to mine fires, not taking into consideration spontaneous combustion, and how would you guard against them? In dealing with mine fires what dangers are likely to arise to life provided care is not exercised by the persons dealing with them and what precautionary measures should be adopted to insure safety?.....	24
7. Sketch and describe in detail a portable electrical lamp suitable for use in gassy mines and state under what conditions the use of a lamp of that type may constitute a danger.....	23
8. Give the chemical symbols and describe the properties of fire-damp, carbon dioxide and carbon monoxide.....	21
Oral	20

THE MINES BRANCH
PROVINCE OF ALBERTA

EXAMINATIONS UNDER "THE MINES ACT"
JUNE 11, 12 AND 13, 1924

SECOND CLASS CERTIFICATES

Marks Obtainable 200.
PAPER No. 3.

Marks Required 100.
Time—Three and one-half hours.

PRACTICAL WORK, MINE RESCUE AND FIRST AID

	Values
1. Sketch a small district of room and pillar working showing how the pillars are extracted. Give principal dimensions.....	26
2. Describe with sketch how you would fix the pulleys to negotiate bends of 45 degrees in endless rope inclines worked on the over-rope and under-rope systems respectively.....	20
3. Make a sketch of a type of rescue apparatus with which you are familiar and show by arrows the course of the circuit. Describe a means of purifying exhaled air.....	28
4. Describe what is meant by the following terms, illustrating your answers by sketches: (a) upthrow fault; (b) anticline; (c) stratified deposits.....	18
5. Describe the process of timbering— (a) a circular shaft in soft ground; (b) a rectangular shaft in soft ground.....	25
6. What are the advantages to be derived from systematic timbering? Describe and sketch the various systems you are acquainted with.....	20
7. Describe and sketch how you would build a stopping between the main intake and main return. What are the advantages and disadvantages of such a stopping?.....	23
8. A miner has received injuries which have resulted in a compound fracture of the leg midway between the knee and foot, the foot being badly crushed. Describe fully how you would apply First Aid.....	20
Oral	20

PROVINCE OF ALBERTA

EXAMINATIONS UNDER "THE MINES ACT"
JUNE 11, 12 AND 13, 1924

SECOND CLASS CERTIFICATES

Marks Obtainable 200.
PAPER No. 4.Marks Required 100.
Time—Two hours.

MACHINERY

	Values
1. What is a horse-power in electrical units?.....	16
2. Give a careful description of an endless rope hauling engine to be driven by compressed air. What should be the shape of the tread of the rope wheel?	32
3. A rectangular channel 18 inches wide and 9 inches deep carries a stream of water 6 inches deep. The average velocity of the stream is 21 inches per second. What quantity of water in gallons per minute is flowing along the channel?.....	17
4. What size and kind of rope would you put in a shaft for hoisting a load of 3 tons? Give weight of rope per foot and state size of pulley you would use for this rope.....	27
5. What useful horse-power is expended in raising 10 tons to a height of 165 feet in half a minute?.....	26
6. State method you would employ in making an examination of the rope, cage and safety catches in use at a coal mine.....	21
7. What is the object of a safety valve on a steam boiler? What form of safety valve would you use and give your reason for preferring it?.....	19
8. What are the electrical units of current, pressure (or potential) and power and how are they related?.....	22
Oral	20

PROVINCE OF ALBERTA

EXAMINATIONS UNDER "THE MINES ACT"

JUNE 11, 12 AND 13, 1924

SECOND CLASS CERTIFICATES

Marks Obtainable 200.

Marks Required 100.

PAPER No. 5.

Time—One and one-half hours.

SURVEYING, LEVELLING AND GEOLOGY

Values

1. Plot the following underground survey with a protractor on a scale of one hundred feet to the inch:

Station	Bearing	Distance
1 - 2	N. 70° E.	220 feet
2 - 3	N. 68° E.	90 feet
3 - 4	N. 20° W.	240 feet
4 - 5	S. 80° W.	230 feet
5 - 6	S. 10½° W.	160 feet

Find by measurement the bearing and length of the closing line 6 - 1. On what bearing would it be necessary to drive an entry from station 2 to strike station 5 and what would be the length of the entry?.....

50

2. Having the bearing of the line joining the stations 1 and 2 in question 1, describe fully how you would proceed to drive the entry from station 2 to station 5 in order to drive it straight between these points.....

25

3. The following level notes were taken along a main haulage road between two points A and B:

Station	Horizontal Distance	Back Sight	Fore Sight
A - 1	227 feet	4.68	2.41
1 - 2	273 feet	5.70	2.97
2 - 3	290 feet	6.92	1.12
3 - B	310 feet	6.43	0.23

Work out these notes and give the average grade from A to B.....

45

4. What would be the cost of material to lay a single track, with 20 pound rails, in an entry half a mile in length? Rails cost \$64.00 per ton, fish plates 45c per pair, ties 15c each, spikes \$3.00 per hundred pounds, 6 spikes to the pound, each rail being 20 feet long, ties to be spaced 30 inch centres.....

40

5. What is the difference between a normal fault and a reverse fault? Illustrate your answer with sketches.....

20

Oral

20

PROVINCE OF ALBERTA

EXAMINATIONS UNDER "THE MINES ACT"

JUNE 13, 1924

MINE SURVEYORS' CERTIFICATES

Marks Obtainable 200.

Marks Required 120.

PAPER No. 1.

Time—Three and one-half hours.

SURVEYING

Values

1. Plot the following survey on a scale of 100 feet equals one inch, by latitudes and departures:

Station	Azimuth	Vertical Angle	Slope Distance
1 - 2	27° 30'	+33° 15'	130.50 feet
2 - 3	31° 02'	+31° 17'	260.40 feet
3 - 4	30° 40'	+32° 37'	149.60 feet
4 - 5	304° 16'	0° 00'	127.80 feet
5 - 6	302° 59'	+ 2° 10'	74.70 feet
6 - 7	303° 27'	- 1° 06'	29.20 feet
7 - 8	210° 43'	-34° 00'	237.80 feet
8 - 9	208° 12'	-30° 40'	200.60 feet
9 - 10	209° 08'	-31° 12'	100.00 feet

Calculate the bearing and length of the closing line from Station 1 to Station 10 and the grade of the line joining these two stations. In working out the grade assume in each case that the instrument was set up one foot below the station which is in the roof and that the fore sight was taken on the station. In the vertical angle column the plus sign means a rise and the minus sign means a fall.....

- 45
2. Describe a transit for mining work and state how you would adjust it... 20
3. When would you use a compass for mining work in preference to a transit, and why?..... 15
4. Describe in detail how you would run a compass survey under the conditions set forth in your answer to question 3..... 15
5. State fully the particulars required by *The Mines Act* to be shown on the plan of the workings of a mine sent to the Minister; also on the plan of an abandoned mine..... 15
6. What different kinds of survey stations can be used in a mine and state which you prefer and why?..... 10
7. Show the kind of notes you would keep when surveying a level entry with crosscuts running both ways every 60 feet. Show a page of notes with four stations and showing at least 400 feet of the entry..... 25
8. A level course road in a seam which dips at 1 in 7 struck a fault which threw the strata up 25 feet. What would be the length of a cross measure drift or crosscut mine driven to the dip to recover the seam? What would be the length of a cross measure drift across the fault to seam in line of level course and on a rising gradient of 1 in 10? The answer may be ascertained by calculation or shown by drawing..... 15
9. A plan of a new mineral leasehold is given to you showing all surface lines but not the position of the shafts sunk to work the mineral. State in detail how you would proceed to lay down the position of the shafts and the underground workings on the plan in correct relation to the surface lines and to the magnetic meridian..... 20
- Oral 20

PROVINCE OF ALBERTA

EXAMINATIONS UNDER "THE MINES ACT"
JUNE 13, 1924

MINE SURVEYORS' CERTIFICATES

Marks Obtainable 200. Marks Required 120.
PAPER No. 2. Time—Three and one-half hours.

LEVELLING AND GEOLOGY

						Values
1.	Describe a dumpy level and state how you would adjust it.					20
2.	Make a sketch showing the graduations on a levelling rod—					
	(a) for accurate levelling work;					
	(b) for stadia work.					15
3.	Describe how you would make a stadia survey in rough country for the purpose of making a contour map. Give a specimen of the notes you would keep and outline the method of reducing your notes to a form ready for plotting, and the method of plotting the contours.					25
4.	Work out the following level notes:					
	Station	Back Sight	Height of Instrument	Intermediate Sight	Fore Sight	Elevation
	1	.....	.....	.....	.....	2130.29
	2	3.97	.....	8.42	.....	.....
	3	.....	.....	.....	10.28	.....
	4	1.07	.....	.....	9.99	.....
	5	0.96	.....	5.42	.....	.....
	6	.....	.....	3.81	.....	.....
	7	.....	.....	.....	12.20	.....
	8	1.70	.....	6.02	.....	.....
	9	.....	.....	.....	9.78	.....
	10	3.21	.....	.....	6.91	.....
	Make a profile on a scale of 100 feet to the inch horizontal and 20 feet to the inch vertical. The horizontal distance between stations in each case is 100 feet.					25
5.	Describe what is, in your opinion, the best method of surveying a diamond drill hole.					15
6.	Describe and sketch the different kinds of faults and folds. What type of fault is generally found in the coal seams of Alberta?					15
7.	Describe in detail the geology of some coal field in Alberta with which you are familiar and make a cross section of the strata in the coal-bearing formation of this field.					25
8.	You are required to find the height of a circular chimney the base of which is not accessible to you. State how you would do this. Assume values for the data you require for your calculation, and calculate the height in accordance with the data. Assume that the ground around the chimney is level.					20
9.	The profile of an underground levelling as required by Rule 5 of the rules as to the qualifications of applicants for Mine Surveyors' Certificates must be handed in with the answers to this paper.					10
	Oral					20
10.	The plan of an underground survey as required by Rule 5 of the rules as to the qualifications of applicants for Mine Surveyors' Certificates, must be handed in with the answers to this paper.					10

LIST OF NAMES OF HOLDERS OF FIRST CLASS CERTIFICATES ISSUED
BY THE GOVERNMENT OF THE PROVINCE OF ALBERTA TO
DECEMBER 31, 1924

Name	Address	Cert. No.	Date of Issue
Addie, W.	Estevan, Sask.	19	25- 8-03
Aspinall, Francis	Drumheller	22	1- 3-09
Ashburner, Edward	Medicine Hat	40	9-12-10
Alderson, Fred Dunn	(Deceased)	52	27- 9-11
Allen, Peter	Wayne	72	5-11-12
Bradshaw, G. B.	Nanaimo, B.C.	61	16- 5-05
Broome, G. H.	New Zealand	46	28-11-04
Bastian, J.	(Deceased)	43	19- 7-04
Brown, J.	Calgary	18	24- 8-03
Baxter, Andrew W.	Calgary	47	22-12-10
Barnes, Arthur W.	Montana	74	7-11-12
Black, Ernest D.	England	84	29- 7-13
Brydon, Andrew D.	England	4	18- 9-14
Brownrigg, John H.	(Deceased)	21	17- 7-17
Blake, Henry	Bellevue	25	27- 7-17
Brown, Hugh R.	Wayne	26	28- 6-18
Bilson, George H.	New Zealand	27	28- 6-18
Brown, R. J.	Montana	30	3- 7-18
Brown, Thomas	Edmonton	42	5- 9-19
Blair, John	Wayne	55	24- 7-24
Colville, A.	(Deceased)	52	19- 1-05
Collins, W. F.	Blairmore	24	31-10-03
Coulthard, R. W.	Toronto	8	19- 3-05
Church, J. A. H.	Edmonton	11	23- 1-08
Cunningham, G. F.	(Deceased)	7	10- 1-08
Crowder, James	(Deceased)	38	24-12-09
Christianson, Peter	(Deceased)	48	21-12-10
Clyne, James	Edmonton	69	18- 3-12
Crowder, Harry	Drumheller	5	18- 9-14
Callender, Ira C.	(Deceased)	13	12- 8-16
Cranston, Michael	Camrose	35	2- 7-19
Coupland, Edward	Cadomin	56	24- 7-24
Drinnan, R. G.	Edmonton	29	30- 1-04
Dickson, G. H.	Ontario	3	31- 5-06
Dunn, A. C.	Edmonton	18	13- 1-09
Darbyshire, J.	Edmonton	35	3-12-09
Davidson, W. A.	(Deceased)	25	27-11-09
Davis, David	Coleman	62	28-11-11
Duggan, William H.	Foothills	85	29- 7-13
DeHart, Joseph B.	Lethbridge	86	29- 7-13
Dennis, Fred W.	England	12	28-10-15
Davidson, David	Coleman	15	12- 8-16
Donaldson, Chris. S.	Lethbridge	20	17- 7-17
Davies, Thomas O.	Hillcrest	22	17- 7-17
D'Altroy, Arthur C.	Wayne	53	17- 8-23
Emmerson, J.	Frank	50	13- 4-05
Emmerson, C.	Bellevue	49	9- 1-05
Elliott, D.	Blairmore	20	13-10-03
Ellis, W.	Three Hills	15	8- 1-09
Evans, D.	Vancouver	1	15-10-98
Emerson, J.	Bellevue	41	25- 8-19
Flint, W. G.	Edmonton	56	13- 4-05
Finlayson, J.	Dinant	30	10- 2-04
Fraser, Norman	Edmonton	1	21-12-05
Fraser, G. L.	British Columbia	1	31- 5-06
Ferguson, C. J.	Edmonton	23	17- 7-17
Foster, William	Wabamun	40	12- 8-19
France, Thomas	Nordegg	44	8-10-19
Green, R.	Blairmore	58	26- 4-05
Graham, C.	Cumberland, B.C.	7	27- 2-06

LIST OF NAMES OF HOLDERS OF FIRST CLASS CERTIFICATES—
(Continued)

Name	Address	Cert. No.	Date of Issue
Givin, Homer H.	Virginia, U.S.A.	57	23-11-11
Gray, David	Washington, U.S.A.	65	4-12-11
Guernsey, Forbes W.	Vancouver, B.C.	80	18-12-12
Gotheridge, William T.	Round Hill	54	16- 7-24
Henrietta, Chas. M.	Byseville, Ohio	26	24-11-03
Heathcote, Elijah	(Deceased)	23	31-10-03
Hargreaves, James	Victoria, B.C.	9	25- 6-01
Hamilton, W. L.	Winnipeg, Man.	4	2-12-98
Hardie, W. D. L.	Lethbridge	2	15-10-98
Huntrods, E. S. F.	Taber	3	29-12-05
Holden, James	Drumheller	14	7- 1-09
Hamilton, Robert	Three Hills	4	3- 1-07
Horne, Thomas	Edson	6	26-12-07
Harrison, Stephen	(Deceased)	16	11- 1-09
Hart, John	Edmonton	23	23- 3-09
Horne, Robert	Blairmore	12	7- 1-09
Howells, Nathaniel	Nacmine	64	4-12-11
Hunter, A. B.	Medicine Hat	14	12- 8-16
Higgins, Alexander	Three Hills	19	7- 7-17
Heeley, William G.	Brule	36	3- 7-19
Hetherington, W. B.	Luscar	38	9- 7-19
Hastings, A. P.	Banff	47	26- 7-20
Howden, Archibald B.	Evansburg	50	1- 8-21
Hamilton, Alan	Mercoal	52	17- 7-23
Jones, Samuel A.	Nanaimo, B.C.	57	26- 4-05
John, John	Foothills	44	29- 4-04
Jones, David	Edmonton	67	27-11-11
Johnson, Moses	Blairmore	79	14-11-12
Jordan, William	Drumheller	11	9- 9-15
Keith, Thomas	(Deceased)	20	29- 1-09
Kerr, Alex	Tonkin, B.C.	27	18-12-03
Knox, Thomas K.	Coal Creek, B.C.	28	30-11-09
Kellock, George	Coleman	59	23-11-11
Kinsman, Alex	(Deceased)	70	11- 5-12
Little, John	Coalfields	5	2-12-98
Livingstone, Robert	Lethbridge	16	.....
Lewellyn, D. R.	Michel, B.C.	42	2- 7-04
Little, William F.	Canmore	4	29-12-05
Lee, Robert J.	Estevan, Sask.	56	23-11-11
Leblanc, Emile	Taber	6	18- 9-14
Morris, James J.	(Deceased)	3	3-11-98
Morris, Cvrus	Frank	12	13- 2-02
Manley, Henry L.	Fernie, B.C.	41	3- 6-04
Morton, T. R.	(Deceased)	63	27- 7-05
Mills, Thomas	Nanaimo, B.C.	35	2- 5-04
Marsh, John	Lethbridge	6	1- 2-06
Moore, Samuel M.	Bankhead	26	27-11-09
Maxwell, William	Nova Scotia	27	29-11-09
Miller, Andrew A.	Taylorlton, Sask.	54	23-11-11
Musgrove, William	Canmore	76	11-11-12
Marshall, John W.	Evansburg	78	13-11-12
Mather, Thomas	Carbon	81	20- 7-13
Milne, Morgan C.	Virginia, U.S.A.	83	14- 7-13
Morgan, Owen	Saunders	51	17- 8-23
McEvoy, James	Toronto, Ont.	17	1- 8-03
McVicar, Samuel	(Deceased)	59	26- 4-05
McLean, Donald	Coalmont, B.C.	62	22- 5-05
McMillan, J. H.	Cadomin	17	12- 1-09
McLenhan, J. A.	Dinant	39	13- 1-10
McDonald, John R.	Balkan	29	30-11-09
Macaulay, D. A.	Drumheller	42	9-12-10

LIST OF NAMES OF HOLDERS OF FIRST CLASS CERTIFICATES—
(Continued)

Name	Address	Cert. No.	Date of Issue
McCulloch, James	Drumheller	41	17-12-10
McDonald, Duncan	Drumheller	60	23-11-11
McKelvie, James	Carbon	7	26-10-14
Macaulay, Angus G.	Midlandvale	9	16- 8-15
McDonald, Hector S.	Priddis	17	7- 7-17
McLeod, John A.	Coleman	18	7- 7-17
McDonald, Noble M.	Bellevue	33	9- 7-18
McIntyre, John J.	Bellevue	39	25- 7-19
McGuckie, Thomas M.	Wayne	43	1-10-19
Nugent, Bernard	Drumheller	57	1- 8-24
O'Donnell, Thomas	Rosedale	61	28-11-11
Pearson, Robinson	Fernie, B.C.	11	19-11-01
Parker, John L.	Lundbreck	25	13-11-03
Pearson, R. N.	Frank	38	10- 5-04
Powell, John W.	Virginia, U.S.A.	60	10- 5-05
Pitcher, Norman C.	Edmonton	75	11-11-12
Pickles, William	Luscar	77	11-11-12
Pavier, Evan L.	Big Valley	24	24- 7-17
Puckett, Owen L.	Lovett	29	3- 7-18
Quigley, James S.	(Deceased)	21	1- 2-09
Quigley, Daniel H.	Coalhurst	28	28- 6-18
Reynolds, E. E.	(Deceased)	33	5- 4-04
Richards, James A.	Edmonton	39	17- 5-04
Russell, Thomas	(Deceased)	45	28-10-04
Raisbeck, Luke	Delia	47	28-11-04
Reed, Thomas	(Deceased)	5	
Robertson, John	Ardley	2	22-12-05
Robertson, John	(Deceased)	9	18- 1-08
Richards, C. C.	Calgary	36	13-12-09
Russell, John	Clover Bar	44	22-12-10
Reid, John	Oklahoma, U.S.A.	53	4-12-11
Roberts, Edward I.	(Deceased)	55	18-11-11
Reid, Adam H.	Oklahoma, U.S.A.	3	18- 9-14
Russell, James	Lethbridge	8	8-12-14
Robert, Louis P.	Bellevue	10	16- 8-15
Ramsay, P. M.	Canmore	34	12-11-18
Smith, Frank B.	(Deceased)	7	4- 6-01
Stockett, Thomas R.	Utah, U.S.A.	10	19-11-01
Simister, Chas.	Lundbreck	21	13-10-03
Strachan, Robert	Fernie, B.C.	31	10- 2-04
Shepherd, F. H.	Victoria, B.C.	34	2- 5-04
Symons, C. C.	Lethbridge	37	2- 5-04
Stockett, Lewis	Calgary	51	19- 1-05
Sharp, Alex.	(Deceased)	53	22- 2-05
Stirling, John T.	Edmonton	8	10- 1-08
Scott, Alex	Castor	5	26-12-07
Sparrow, Edwin	Tawatinaw	13	7- 1-09
Scott, Andrew N.	Mountain Park	19	25- 1-09
Shone, Samuel	(Deceased)	33	2-12-09
Stevens, Leonard C.	Edmonton	31	2-12-09
Saville, Enoch O.	Taber	45	22-12-10
Shaw, William	(Deceased)	46	22-12-10
Stewart, Robert T.	Blairmore	50	12- 1-11
Shanks, John	Nordegg	51	17- 1-11
Stevenson, John	Glasgow, Scotland	68	6-12-11
Stevenson, William	Hillcrest	87	29- 7-13
Shanks, David	Nordegg	16	4-11-16
Smith, Thomas E.	Montana, U.S.A.	31	3- 7-18
Stevenson, John	Hillcrest	46	26- 7-20
Stewart, James M., Jr.	Nordegg	48	26- 7-20
Thorne, Benjamin L.	Calgary	32	2-12-09

LIST OF NAMES OF HOLDERS OF FIRST CLASS CERTIFICATES—
(Continued)

Name	Address	Cert. No.	Date of Issue
Thain, Harry S.	Lethbridge	34	2-12-09
Thomas, John I.	Edmonton	49	16- 1-11
Thomas, Willis P.	Diamond City	58	23-11-11
Thomas, Joseph D.	Aerial	66	4-12-11
Turner, John H.	Lethbridge	49	1- 8-21
Whiteside, O. E. S.	Coleman	6	15-12-98
White, E. Proctor	Virginia, U.S.A.	8	17- 6-01
Wyllie, John B. ....	..... (Deceased)	13	25-11-02
Waite, Archibald	Taber	15	9- 4-03
Wilson, David G.	Bankhead	22	31-10-03
Wilson, Arthur R.	Nanaimo, B.C.	28	12- 1-04
Wall, William H.	Vancouver, B.C.	32	10- 2-04
Williams, W. P. ....	..... (Deceased)	36	2- 5-04
Wright, H. B. ....	..... (Deceased)	40	25- 5-04
Wilkinson, George	Victoria, B.C.	54	27- 3-05
Weatherby, C. ....	..... (Deceased)	2	31- 5-06
Williams, T. H.	Taber	10	18- 1-08
Watters, John	Burmis	30	30-11-09
Wark, S. D.	Sointula, B.C.	37	15-12-09
Willey, Edward	Fernie, B.C.	71	1-11-12
Watson, William	Drumheller	73	7-11-12
Welch, James D. ....	..... (Deceased)	1	18- 9-14
Williams, Thomas B.	Madison, Wis.	2	18- 9-14
Watters, Alexander G.	Banff	32	5- 7-18
Watson, Ronald H.	Diamond City	37	3- 7-18
Wilkinson, George	Victoria, B.C. (Duplicate)	45	21-11-19

LIST OF NAMES OF HOLDERS OF SECOND CLASS CERTIFICATES ISSUED
BY THE GOVERNMENT OF THE PROVINCE OF ALBERTA TO
DECEMBER 31, 1924

Name	Address	Cert. No.	Date of Issue
Anderson, J. ....	..... (Deceased)	2	30- 5-06
Aspinall, Francis	Drumheller	27	27- 5-08
Allen, Peter	Wayne	72	20-12-11
Allen, William C.	Wayne	22	7- 9-15
Atherton, Edward	Sheerness	49	17- 7-17
Ashurst, William	Coleman	51	17- 7-17
Ashman, Alfred W.	Maple Leaf	88	3- 7-19
Adlam, William	Hillcrest	107	15- 7-19
Armstrong, John	Nordegg	110	16- 7-19
Adams, Thomas H.	Beverly	127	26- 7-20
Anderson, Peter B. ....	..... (Deceased)	139	26- 7-20
Bastian, T. W.	Mercoal	27	8- 4-05
Bastian, J. ....	..... (Deceased)	21	7- 5-04
Bowie, J.	Wayne	4	3- 1-07
Bamling, J.	Diamond City	44	2-12-09
Brockhouse, I. B.	Milk River	74	2-12-11
Bridge, Edward	Cumberland, B.C.	99	5-11-12
Brown, Alan J.	Pocahontas	105	7-11-12
Barclay, Andrew	Frank	111	18-11-12
Brown, William	Commerce	126	31- 7-13
Blake, Henry	Bellevue	128	31- 7-13
Brisco, Daniel	Luscar	19	21- 8-15

LIST OF NAMES OF HOLDERS OF SECOND CLASS CERTIFICATES—
(Continued)

Name	Address	Cert. No.	Date of Issue
Bilson, George H.	New Zealand	2	27- 8-14
Brownrigg, John H.	(Deceased)	21	30- 8-15
Berford, Edward	Blairmore	27	12- 8-16
Barclay, William	Drumheller	54	10- 8-17
Bovio, M.	Bellevue	61	5- 7-18
Blair, John	Wayne	72	11- 7-18
Brearley, Garnett	Coalhurst	78	23- 7-18
Brown, J. F.	Edmonton	84	28- 6-19
Ball, Benjamin	Michel, B.C.	101	8- 7-19
Badham, Thomas	Coleman	104	15- 7-19
Bainbridge, James	Nanaimo, B.C.	112	5- 8-19
Brooks, Burton T.	Drumheller	129	26- 7-20
Brady, John	Lovett	141	26- 7-20
Brown, Thomas	Edmonton	55	17-11-17
Briggs, William A.	Drumheller	154	10-10-21
Bradley, Thomas	Bellevue	166	17- 8-23
Baybutt, Thomas	Hillcrest	168	17- 8-23
Blas, Emile	Bellevue	169	17- 8-23
Boucher, Charles T.	Wayne	175	16- 7-24
Barrowman, Alexander	Ardley	182	14-11-24
Bainbridge, George E.	Nordegg	183	12-12-24
Chestnut, C.	Saunders West	30	18- 4-05
Corkill, T.	(Deceased)	13	
Crowder, James	(Deceased)	10	26-12-07
Clay, E.	Oxville	28	7- 1-09
Clark, J. C.	(Deceased)	49	22-12-09
Clyne, J.	Edmonton	53	22- 4-10
Clemenson, John	Bankhead	58	17-12-10
Cooke, Joseph	Burmis	66	20- 2-11
Crowder, Harry	Drumheller	69	18-12-11
Coupland, George	Bellevue	77	21-12-11
Cranston, Michael	Camrose	119	29- 7-13
Crawford, Alexander	Alexo	125	31- 7-13
Campbell, K. S.	Beverly	132	31- 7-13
Coupland, Edward	Cadomin	8	18- 9-14
Coutes, George	Lethbridge	20	26- 8-15
Conlin, John	Drumheller	33	22- 8-16
Cox, John C.	Coleman	42	7- 7-17
Clark, Robert	Hardieville	43	7- 7-17
Crabb, Samuel A. B.	Lethbridge	52	17- 7-17
Crawford, John	Nordegg	64	6- 7-18
Crawford, William S.	Lethbridge	66	9- 7-18
Carson, James	Spring Point	82	17-10-18
Cartwright, Charles E.	Blairmore	85	2- 7-19
Clarkstone, W. W.	Fernie, B.C.	93	3- 7-19
Caufield, J.	Coal Creek, B.C.	105	15- 7-19
Carr, Thomas	Brule Mines	117	1-10-19
Cole, J. J.	Bankhead	126	26- 7-20
Congdon, Milton H.	Blairmore	158	1- 8-22
Campbell, Thomas	Drumheller	174	16- 7-24
Davies, D.	Coleman	31	18- 4-05
Duggan, R. G.	Nanaimo, B.C.	19	26- 4-04
Davis, A.	Lethbridge	4	19-11-98
Dixon, S.	Commerce	24	8- 2-08
Davies, S.	Alexo	18	10- 1-08
Davies, John	Coleman	11	26-12-07
Dunn, J. P.	Edmonton	9	26-12-07
Davis, John	Lethbridge	31	11- 1-09
Davies, T.	Frank	54	22- 4-10
Davidson, David	Coleman	94	1-11-12
Davies, Thomas O.	Hillcrest	104	7-11-12

LIST OF NAMES OF HOLDERS OF SECOND CLASS CERTIFICATES—
(Continued)

Name	Address	Cert. No.	Date of Issue
Dalziel, Robert	Clover Bar	122	31- 7-13
Digman, John H.	Coalhurst	134	31- 7-13
Dennis, F. W.	England	3	27- 8-14
Dewar, Alexander	Coleman	16	16- 8-15
Donaldson, C. S.	Lethbridge	35	25- 8-16
Duncan, N. S.	Alix	100	8- 7-19
D'Altroy, A. C.	Wayne	145	1- 8-21
Dieter, W. J.	Sheerness	167	17- 8-23
Emmerson, C.	Bellevue	3	15-11-98
Eccleston, W.	Edmonton	16	10- 1-08
Evans, T. R.	Coleman	137	31- 7-13
Embree, Merton B.	Evansburg	98	3- 7-19
Fraser, G. L.	British Columbia	25	23-12-04
Flint, W. G.	Edmonton	16	
Francis, J.	Taber	29	8- 1-09
Fox, A.	Carbon	42	29-11-09
Foster, W. R.	Taber	51	24- 1-10
Fulton, James K.	Coleman	133	31- 7-13
Foster, William	Wabamun	14	16- 8-15
Finlay, Samuel	Clover Bar	25	12- 8-16
Ferguson, C. J.	Edmonton	38	30- 8-16
Fortner, Edward	Tennessee, U.S.A.	57	3- 7-18
France, Thomas	Nordegg	67	9- 7-18
Fyvie, J.	Drumheller	109	16- 7-19
Fraser, James	Carbon	133	26- 7-20
Fyfe, Walter H.	Wayne	142	26- 7-20
Ford, Allen	Michel, B.C.	146	1- 8-21
Green, R.	Blairmore	17	26- 4-04
Giffen, H. R.	Carbon	14	
Gilliland, William	Cardiff	61	17-12-10
Garbett, Richard	Corbin, B.C.	100	5-11-12
Garrett, John	Blairmore	123	31- 7-13
Givens, John	Wayne	99	8- 7-19
Gate, Harry	Coleman	124	26- 7-20
Graham, John	Coaldale	157	1- 8-22
Gidman, Joseph H.	Taber	165	29-12-22
Hall, Oliver	Bellevue	26	23-12-04
Harvie, Robert	Lethbridge	1	30- 5-06
Hutchinson, A. M.	Coleman	6	3- 1-07
Horne, Robert	Blairmore	12	26-12-07
Horswell, John	Edmonton	34	1- 2-09
Howells, Nathaniel	Nacmine	55	25- 5-10
Hallworth, Albert	Bellevue	65	30- 1-11
Hamilton, Allan	Mercoal	78	21-12-11
Heeley, William G.	Brule Mines	80	22-12-11
Hill, James	Canmore	84	13- 1-12
Hutton, John	Bellevue	93	1-11-12
Hunter, Henry	Edmonton	102	7-11-12
Hughes, Daniel J.	Diamond City	110	13-11-12
Hartley, William	Bankhead	114	25-11-12
Hunter, Charles	Beverly	4	18- 9-14
Hunter, Alexander B.	Medicine Hat	7	18- 9-14
Harries, Henry C.	Coleman	9	18- 9-14
Heathcote, Joseph	Edmonton	10	18- 9-14
Hughes, William R.	Barnwell	13	6- 8-15
Halliday, George W.	Nanaimo, B.C.	31	22- 8-16
Hutton, David T.	Bellevue	44	10- 7-17
Hastings, Andrew P.	Banff	62	5- 7-18
Hulme, Charles	Sheerness	63	6- 7-18
Hargreaves, G.	Lethbridge	70	9- 7-18
Hutchison, P.	Canmore	102	10- 7-19

LIST OF NAMES OF HOLDERS OF SECOND CLASS CERTIFICATES—
(Continued)

Name	Address	Cert. No.	Date of Issue
Hedges, Richard	Beverly	111	18- 7-19
Higney, John	Coalhurst	130	26- 7-20
Heap, Robert	Coalhurst	137	26- 7-20
Holmes, Robert	Coleman	144	6- 1-21
Hughes, John C.	Madrid	156	15-12-21
Hamilton, Joseph J.	Lethbridge	164	9- 9-22
Ironmonger, John	Hillcrest	60	5- 7-18
Jones, Samuel A.	Nanaimo, B.C.	18	26- 4-04
Johnson, Moses	Blairmore	46	3-12-09
Jones, David	Edmonton	48	15-12-09
Jones, Peter	Drumheller	92	1-11-12
Jordan, William	Drumheller	112	20-11-12
James, William	(Deceased)	5	19- 9-14
Jackson, James	Bellevue	56	3- 7-18
Joberg, A. F.	Delia	68	9- 7-18
Jones, C. E. R.	Cardiff	83	12-11-18
Jones, D.	Coalhurst	116	5- 9-19
Jones, Daniel	Camrose	178	24- 7-24
Kerr, John	Lethbridge	33	6- 7-05
Kellock, George	Coleman	39	27-11-09
Kellock, James	Coleman	82	30-12-11
Keith, John D.	Coalhurst	107	11-11-12
Kaye, Herschel	Pocahontas	129	31- 7-13
Kerr, W. R.	Nordeg	115	2- 9-19
Lowrie, Ralph	Stettler	34	6- 7-05
Livingstone, Robert	Lethbridge	6	5- 6-99
Livingstone, John C.	Lethbridge	5	19-11-98
Lee, Robert J.	Estevan, Sask.	56	17-12-10
Luck, George	Drumheller	70	18-12-11
Letcher, William M.	Bankhead	96	1-11-12
Leblanc, Emile	Taber	127	31- 7-13
Littler, Robert	Michel, B.C.	6	18- 9-14
Lundy, James	Carbon	53	17- 7-17
Larrair, Charles F.	Hanna	74	12- 7-18
Lindoe, Luke	Coleman	170	1- 9-23
Musgrove, John	(Deceased)	2	15-11-98
Musgrove, William	Canmore	32	6- 7-05
Miller, John K.	Wayne	29	8- 4-05
Morris, John	(Deceased)	8	3- 1-07
Morgan, Daniel	South Wales	17	10- 1-08
Moore, Thomas E.	Drumheller	47	11-12-09
Miard, Harry E.	Coal Creek, B.C.	64	16- 1-11
Munro, William K.	Blairmore	76	21-12-11
Murphy, Peter J.	Drumheller	91	24- 8-12
Mather, Thomas	Carbon	106	11-11-12
Muir, David	Sheerness	108	11-11-12
Massey, Harry	Corbin, B.C.	116	25-11-12
Morgan, Owen	Saunders	121	29- 7-13
Mason, Samuel	Blairmore	130	31- 7-13
Mather, John	Cadomin	23	13- 9-15
Miller, Walter	Beverly	26	12- 8-16
Melling, Peter	Evansburg	28	12- 8-16
Murray, J.	Coalhurst	90	3- 7-19
Mossey, Thomas	Lethbridge	95	3- 7-19
Makin, J. W.	Hillcrest	103	15- 7-19
Marsh, E.	Taber	113	25- 8-19
Martin, R.	(Deceased)	114	25- 8-19
Miller, John H.	Midlandvale	131	26- 7-20
Mackie, John	Bankhead	136	26- 7-20
Marsh, John H.	Midlandvale	153	1- 8-21
Meyers, August	Drumheller	172	18-12-23

LIST OF NAMES OF HOLDERS OF SECOND CLASS CERTIFICATES—
(Continued)

Name	Address	Cert. No.	Date of Issue
Mossey, Robert	Frank	173	16- 7-24
McVicar, Samuel	(Deceased)	23	23-12-04
McKean, John W.	Lethbridge	24	23-12-04
McGregor, Alex.	Big Valley	1	20-12-05
McKay, Donald	(Deceased)	3	30- 5-06
McLenhan, John A.	Dinant	33	1- 2-09
McKelvie, James	Carbon	43	29-11-09
McDonald, Duncan	Drumheller	60	17-12-10
McMillan, Donald	Pincher Creek	71	20-12-11
MacDonald, James A.	Bellevue	79	21-12-11
MacKay, Angus	St. Albert	81	26-12-11
McIntyre, John J.	Calgary	88	2- 3-12
McDonald, J. O. C.	Coleman	15	16- 8-15
McDonald, Hector S.	Bellevue	17	16- 8-15
McDonald, Noble M.	Bellevue	18	16- 8-15
McLellan, John A.	Wabamun	24	2-11-15
McFegan, William	South Wellington, B.C.	34	22- 8-16
McIntyre, John J.	Bellevue	41	9-12-16
MacDonald, J. H.	Nanaimo, B.C.	48	10- 7-17
McQueen, Andrew	Nordeg	71	9- 7-18
McKinnon, H. G.	Canmore	76	13- 7-18
MacAskill, Donald	Drumheller	77	16- 7-18
McLean, Michael D.	Michel, B.C.	122	26- 7-20
McKinnon, John J.	Cadomin	80	26- 7-18
McCullough, Alex.	Cadomin	143	10- 8-20
McLeod, Alexander	Drumheller	149	1- 8-21
McKenna, Peter	Cadomin	161	1- 8-21
MacDonald, William	Drumheller	165	10-10-21
McGaw, A. M. S.	Carmangay	171	15- 9-23
Nicol, James	(Deceased)	36	10- 2-09
Nanson, Thomas H.	Bellevue	40	25- 9-16
Nicol, George	Cadomin	46	10- 7-17
Nugent, Bernard	Drumheller	73	11- 7-18
Ostheidt, Gus	Cardiff	1	14-11-98
Oliphant, Joseph H.	Carbon	59	17-12-10
Oliphant, John T.	Taber	153	1- 8-21
Ostler, James	Taber	160	1- 8-22
Ottewell, William J.	Clover Bar	176	16- 7-24
Phillips, Charles	(Deceased)	20	26- 4-04
Pearson, W. G.	Blairmore	15	26- 4-04
Parsons, T. Lloyd	Edmonton	26	21- 3-08
Pickles, William	Edmonton	35	1- 2-09
Prentice, John	Virginia, U.S.A.	45	2-12-09
Park, Stewart G.	Lethbridge	57	17-12-10
Parker, Levi	Namao	68	28- 4-11
Powell, Albert E.	Lundbreck	85	16- 1-12
Parry, Thomas	Coleman	109	12-11-12
Picton, Daniel	Aerial	118	10- 2-13
Penman, John S.	Rosenroll	120	29- 7-13
Pavier, Evan	Big Valley	37	30- 8-16
Puckett, Owen L.	Lovett	50	17- 7-17
Park, William	Bellevue	65	6- 7-18
Pembleton, George W.	Edmonton	97	3- 7-19
Peacock, Charles	Coalhurst	138	26- 7-20
Quigley, Daniel H.	Coalhurst	73	20-12-11
Queen, Andrew M.	Lethbridge	124	31- 7-13
Rice, Awrey	Edson	2	20-12-05
Roberts, D. E.	Coleman	14	10- 1-08
Rankin, George	Michel, B.C.	41	29-11-09
Roberts, E. I.	(Deceased)	52	12- 3-10
Ramsey, Peter M.	Canmore	86	24- 2-12

LIST OF NAMES OF HOLDERS OF SECOND CLASS CERTIFICATES—
(Continued)

Name	Address	Cert. No.	Date of Issue
Roberts, E.	Big Valley	87	2- 3-12
Richards, Samuel	Bellevue	98	5-11-12
Roberts, John	Cadomin	12	26-10-14
Russell, John	Alix	29	12- 8-16
Robinson, William	Mountain Park	30	22- 8-16
Rawlinson, R.	Edmonton	32	22- 8-16
Richards, Evan	Balkan	59	3- 7-18
Roberts, G.	Taber	79	23- 7-18
Roberts, D. O.	Wayne	86	2- 7-19
Reed, Edward	Drumheller	135	26- 7-20
Radford, James	Bellevue	140	26- 7-20
Redpath, James	Wayne	147	1- 8-21
Ruffell, Alfred	Lethbridge	180	11- 8-24
Scott, Hugh	(Deceased)	7	9- 3-00
Steele, Thomas	Coleman	12	26- 4-04
Sequin, Joseph A.	Estevan, Sask.	22	16- 4-04
Sparrow, Edwin	Tawatinaw	7	3- 1-07
Shone, Samuel	(Deceased)	23	23- 1-08
Shaw, William	(Deceased)	21	18- 1-08
Scott, Andrew N.	Mountain Park	19	10- 1-08
Stewart, J. M.	Nordegg	50	24-12-09
Sihvon, William	Bellevue	40	29-11-09
Sloan, Thomas W.	Burmis	67	3- 3-11
Shaw, Thomas J.	Luscar	75	21-12-11
Strickland, Thomas	Edmonton	101	5-11-12
Schmidt, Otto P.	Camrose	115	25-11-12
Scott, Alexander	Pocahontas	103	7-11-12
Shanks, David	Nordegg	117	7-12-12
Stephenson, Joseph	Bellevue	135	31- 7-13
Stephenson, Thomas	Bellevue	136	31- 7-13
Smith, Thomas E.	Montana, U.S.A.	39	14- 9-16
Simpson, William G.	Drumheller	45	10- 7-17
Stevenson, John	Glasgow, Scotland	47	10- 7-17
Sinclair, James	Drumheller	81	7- 8-18
Sandino, J. A.	Wayne	91	3- 7-19
Stratton, J. M.	Redcliff	94	3- 7-19
Saunt, James	Drumheller	123	26- 7-20
Steele, Francis M.	Calgary	125	26- 7-20
Scott, Frederick G.	Nordegg	128	26- 7-20
Scarpino, F.	Wayne	121	26- 7-20
Shaw, William G.	Nordegg	177	24- 7-24
Thomas, David	(Deceased)	28	8- 4-05
Teppo, Herman	(Deceased)	15	10- 1-08
Thomas, John	Diamond City	30	8- 1-09
Thain, Harry S.	Lethbridge	32	12- 1-09
Thomas, Joseph D.	Nacmine	37	25-11-09
Taylor, Tom	(Deceased)	62	22-12-11
Taylor, George	(Deceased)	83	30-12-11
Thomas, John	Frank	89	25- 3-12
Tonge, Thomas	Lundbreck	90	1- 6-12
Thompson, Joseph	Coleman	97	1-11-12
Thomas, Isaac	Coleman	131	31- 7-13
Tennant, Robert	Coleman	58	3- 7-18
Tully, Thomas	Fernie, B.C.	75	12- 7-18
Turner, J. H.	Lethbridge	89	2- 7-19
Thompson, T.	Coleman	87	2- 7-19
Thomason, C.	Blairmore	119	12-11-19
Taylor, C. M.	Edmonton	118	1-10-19
Turner, Leonard	Nordegg	132	26- 7-20
Thomson, Andrew R.	Leduc	159	1- 8-22
Thomson, George H.	Lethbridge	163	9- 9-22

LIST OF NAMES OF HOLDERS OF SECOND CLASS CERTIFICATES—
(Continued)

Name	Address	Cert. No.	Date of Issue
Unsworth, Robert	Hanna	36	30- 8-16
Uteley, F. W.	Bellevue	108	16- 7-19
Villard, Henry	Wabamun	181	11- 8-24
Williams, Thomas H.	Vancouver, B.C.	8	20- 7-00
Waite, Archibald	Taber	10	25- 4-04
Wetherbee, Cory	(Deceased)	11	6-11-02
Wilson, William G.	Canmore	3	20-12-05
Whitelaw, Thomas	Lethbridge	25	24- 2-08
Watters, John	Burmis	22	18- 1-08
Watkins, W. E.	Champion	20	18- 1-08
Watson, William	Drumheller	13	26-12-07
Wright, J. S.	(Deceased)	38	27-11-09
Winter, Archibald	Strathcona	63	16- 1-11
Watters, Alexander G.	Banff	95	1-11-12
Welsh, James D.	(Deceased)	113	20-11-12
Williams, John J.	Three Hills	11	18- 9-14
Worthington, Thomas	Lethbridge	69	9- 7-18
Williams, W. E.	Edmonton	96	3- 7-19
Watkins, J. M.	Taber	106	15- 7-19
Williams, Albert	Lovett	134	26- 7-20
Willetts, Frederick	Hillcrest	148	1- 8-21
Wilson, Robinson	Drumheller	151	1- 8-21
Williams, Arthur E.	Saunders	162	1- 8-21
Worthington, W. T.	Edmonton	92	3- 7-19
Yard, George C.	Nordegg	150	1- 8-21

LIST OF NAMES OF HOLDERS OF THIRD CLASS CERTIFICATES ISSUED
BY THE GOVERNMENT OF THE PROVINCE OF ALBERTA TO
DECEMBER 31, 1924

Name	Address	Cert. No.	Date of Issue
Anderson, J.	(Deceased)	13	.....
Alderson, R. D.	Coleman	17	3- 1-07
Aspinall, Francis	Drumheller	32	30- 5-07
Ashurst, W.	Coleman	82	26- 8-09
Adlam, William	Hillcrest	108	2- 6-10
Archer, Roland	Hillcrest	132	22-12-10
Allen, William C.	Wayne	205	10- 8-12
Archibald, David	Bickerdike	222	25-11-12
Allan, Alexander M.	Hosmer, B.C.	247	31- 7-13
Adams, Thomas H.	Beverly	16	10- 3-14
Anderson, Andrew	Bellevue	39	17- 6-14
Atherton, Edward	Sheerness	40	14 -7-14
Appleton, John T.	Mountain Park	76	19- 4-15
Ashton, William	Edmonton	90	27- 8-15
Anderson, Hugh W.	Edmonton	150	7- 7-17
Ashman, Alfred W.	Maple Leaf	151	7- 7-17
Armstrong, John	Nordegg	171	17- 7-17
Armstrong, Peter M.	Nordegg	224	8- 6-18
Arbuckle, John	Mountain Park	263	26- 6-19
Anderson, Peter B.	(Deceased)	264	26- 6-19
Allen, Edgar	Wayne	436	29- 8-21
Antrobus, Fred	Coleman	461	31- 7-22
Ambrossi, Antonio	Nordegg	478	1- 8-22

LIST OF NAMES OF HOLDERS OF THIRD CLASS CERTIFICATES—
(Continued)

Name	Address	Cert. No.	Date of Issue
Astley, David	Wood River	483	1- 8-22
Bastian, T. W.	Mercoal	30	5-12-04
Bansemmer, R.	Bankhead	14	3- 1-07
Barber, J.	Frank	7	3- 1-07
Burrows, C.	Brule	40	18- 1-08
Brownrigg, J. H.	(Deceased)	35	26-12-07
Brown, T.	Edmonton	24	14- 5-07
Blake, P.	Lundbreck	23	14- 5-07
Brovey, A. C.	Luscar	64	1- 2-09
Boulton, W. E.	Drumheller	48	29- 5-08
Barnes, B. J.	Coal Creek, B.C.	92	29-11-09
Besso, A.	Canmore	80	26- 7-09
Brisco, Daniel	Luscar	117	9- 6-10
Blake, Henry	Bellevue	133	30-12-10
Bradley, Thomas	Bellevue	138	16- 1-11
Barber, James S.	Hillcrest	144	3- 7-11
Bovio, Michael	Bellevue	146	3- 7-11
Brown, Alan J.	Cardiff	163	17-11-11
Berford, Edward	Elcan	196	13- 7-12
Blakemore, Royden E.	Edmonton	227	16-12-12
Bainbridge, James	Nanaimo, B.C.	235	31- 7-13
Baird, John	Blairmore	243	31- 7-13
Beal, George F.	Bellevue	7	20-12-13
Brearley, Garnet	Coalhurst	18	16- 3-14
Barclay, William	Drumheller	22	13- 3-14
Brown, John F.	Edmonton	29	21- 4-14
Barclay, William G.	Drumheller	30	23- 4-14
Byers, John W.	Taber	48	25-11-14
Byron, John	Coalhurst	11	10- 3-14
Billington, Edward E.	England	73	25- 2-15
Booth, George	Clover Bar	85	18- 8-15
Boldon, James	Bellevue	86	19- 8-15
Bell, William	Coleman	95	12-10-15
Brown, Robert	Bellevue	112	10- 7-16
Bateman, Fred	Sheerness	123	14- 7-16
Barnes, Edward	Mountain Park	137	25- 9-16
Badham, Thomas	Coleman	153	7- 7-17
Beveridge, Andrew	Lucky Strike	156	7- 7-17
Brown, David M.	Commerce	157	7- 7-17
Brooks, Burton T.	Drumheller	167	17- 7-17
Bartlett, Wallace	Elcan	173	17- 7-17
Bennett, Isaac	Armada	179	17- 7-17
Blair, John	Wayne	183	25- 7-17
Bobrovski, Martin	Drumheller	217	5- 6-18
Baird, William	Drumheller	218	5- 6-18
Brooks, Claude E.	Drumheller	220	8- 6-18
Blusson, Joseph T. C.	(Deceased)	253	26- 6-19
Briggs, Alfred J.	Drumheller	254	26- 6-19
Brennan, John	Long Coulee	261	26- 6-19
Brown, Frank	Coal Creek, B.C.	262	26- 6-19
Birse, Alexander	Coalhurst	268	26- 6-19
Bateman, James	Lethbridge	279	26- 6-19
Bealle, Fred A.	Brule	285	26- 6-19
Ball, Alfred	Natal, B.C.	292	20-11-19
Briggs, Charles	Canmore	302	26- 7-20
Babino, Arthur	Bankhead	312	26- 7-20
Barclay, R. W.	Drumheller	313	26- 7-20
Beveridge, A.	Coleman	314	26- 7-20
Bainbridge, G. E.	Nordegg	343	26- 7-20
Bambrough, George	Hillcrest	345	26- 7-20
Burcey, A.	Calgary	352	26- 7-20

LIST OF NAMES OF HOLDERS OF THIRD CLASS CERTIFICATES—
(Continued)

Name	Address	Cert. No.	Date of Issue
Bird, Richard	Nordegg	357	26- 7-20
Barrington, F. J.	Rosedale	362	26- 7-20
Baxter, Robert	Lochearn	374	17- 6-21
Brown, Thomas W.	Edmonton	377	1- 8-21
Battee, Noyes S.	Drumheller	381	1- 8-21
Blas, Emile	Bellevue	382	1- 8-21
Blake, Sylvanus R.	Wayne	384	1- 8-21
Barnes, Thomas	Blairmore	387	1- 8-21
Boyd, John	Wayne	390	1- 8-21
Barrie, James	Commerce	401	1- 8-21
Briggs, William A.	Drumheller	414	1- 8-21
Bedwell, Alfred E.	Lethbridge	415	1- 8-21
Brooks, John	Bellevue	428	1- 8-21
Brown, George A.	Michel, B.C.	432	29- 8-21
Burton, John T.	Edmonton	448	21- 7-22
Birt, William C.	Evansburg	452	31- 7-22
Barnes, Ernest	Coleman	453	31- 7-22
Baker, Robert W.	Coleman	456	31- 7-22
Bradley, Walter	Cardiff	490	1- 9-22
Brooks, George W.	Edmonton	499	1-11-22
Brown, Austin L.	Edmonton	510	30- 5-23
Barnes, John W.	(Deceased)	512	30- 6-23
Boscariol, I.	Mountain Park	521	17- 8-23
Brewer, Thomas W.	Drumheller	529	17- 8-23
Bonner, Fred	Evansburg	542	1- 9-23
Barrowman, Alexander	Nordegg	548	15- 9-23
Burton, William H.	Entwistle	553	1-11-23
Brown, Clarence H.	Drumheller	554	15-11-23
Boutry, A.	Bellevue	557	4-12-23
Burnham, George	Fallis	560	18-12-23
Cawthorne, L.	Frank	46	18- 4-05
Churchill, J.	Frank	45	18- 4-05
Chestnut, C.	Blairmore (Duplicate)	28	6- 7-05
Cowan, W.	Bankhead	4	15-11-08
Cooke, J.	Bankhead	4	30- 5-06
Catchpole, C.	Three Hills	2	30- 5-06
Clark, J. C.	(Deceased)	33	18- 7-07
Cole, J. J.	Bankhead	66	1- 2-09
Clyne, J.	Edmonton	65	1- 2-09
Chestnut, C.	Saunders West	28	26- 4-04
Campbell, Kenneth S.	Edmonton	102	27- 1-10
Clemenson, John	Bankhead	105	30- 5-10
Carson, James	Coalhurst	120	21- 6-10
Crockett, Levi A.	Hillcrest	131	22-12-10
Coupland, George	Bellevue	148	4- 7-11
Carson, George	Frank	154	8- 7-11
Crawford, George	Frank	160	17-11-11
Combs, Walter P.	Taber	164	17-11-11
Coupland, Edward	Cadomin	173	17-11-11
Charlton, Samuel	(Deceased)	179	23-11-11
Cox, John	Coleman	193	13- 7-12
Crawford, John	Nordegg	197	13- 7-12
Coutts, George	Lethbridge	210	26-10-12
Clark, Robert	Lethbridge	212	31-10-12
Cranston, Michael	Camrose	218	11-11-12
Crawford, William	Lethbridge	8	6- 3-14
Coutts, David	Hardieville	23	30- 3-14
Crabb, S. A. B.	Lethbridge	38	28- 5-14
Chaplow, Joseph	Lethbridge	49	25-11-14
Clarke, Robert G.	Drumheller	70	16- 2-15
Campbell, John H.	Canmore	71	16- 2-15

LIST OF NAMES OF HOLDERS OF THIRD CLASS CERTIFICATES—
(Continued)

Name	Address	Cert. No.	Date of Issue
Callander, Ira C.	(Deceased)	78	19- 8-15
Coxon, Thomas	Nacmine	89	27- 8-15
Convery, Dennis	Coleman	107	10- 7-16
Cooper, John A.	Lethbridge	166	10- 7-17
Coutts, Anthony B.	Hardieville	178	17- 7-17
Campbell, Henry	Bellevue	188	13- 8-17
Collins, Sidney G.	Edmonton	219	5- 6-18
Chapman, Christopher	Drumheller	232	12- 6-18
Campbell, George P.	Nordegg	229	8- 6-18
Chambers, Ralph H.	Lovettville	246	26- 6-19
Campbell, Thomas	Alexo	247	26- 6-19
Conley, Leroy L.	Saunders	260	26- 6-19
Chalmers, James	Edmonton	278	26- 6-19
Carr, Thomas	Brule Mines	283	26- 6-19
Clark, John	Bankhead	301	26- 7-20
Congalton, Clem S.	Alaska	315	26- 7-20
Cameron, Donald	Coalspur	331	26- 7-20
Cotterill, John	Rosedale	346	26- 7-20
Crawford, George	Bellevue	365	26- 7-20
Candlish, W. S.	Brule Mines	366	26- 7-20
Causey, Thomas	Taber	403	1- 8-21
Craig, James M. S.	Nordegg	413	1- 8-21
Clelland, William	Lethbridge	421	1- 8-21
Curry, John	Passburg	439	3-11-21
Chalmers, Robert	Edmonton	454	31- 7-22
Cowan, James	High River	459	31- 7-22
Congdon, Milton H.	Blairmore	476	1- 8-22
China, John	Nordegg	480	1- 8-22
Cardle, James	Maple Leaf	481	1- 8-22
Clarke, Richard	Hillcrest	500	1-11-22
Clelland, Thomas	Edmonton	574	24- 7-24
Crichton, Robert	Hillcrest	516	17- 8-23
Davies, T.	Frank	49	18- 4-05
Duggan, R. G.	Taber	27	26- 4-04
Downs, T.	Canmore	24	25-11-03
Davies, W. J.	(Deceased)	16	25-11-03
Dickson, S.	Commerce	18	3- 1-07
Devonshire, G.	Canmore	31	23- 5-07
Duggan, E. J.	Taber	41	18- 1-08
Davies, T. O.	Hillcrest	109	2- 6-10
Davidson, David	Coleman	170	17-11-11
Doodson, Robert	Coal Creek, B.C.	177	17-11-11
Duthie, Alexander F.	Pocahontas	184	28-11-11
Digman, John H.	Royal View	198	13- 7-12
Duncan, Ninian S.	Alix	211	31-10-12
Draper, Robert	Hillcrest	214	1-11-12
Dennis, Frederick W.	England	3	28-11-13
D'Altroy, Arthur C.	Wayne	6	1-12-13
Dean, William	Bankhead	20	20- 3-14
Duggan, John	Wayne	97	12-10-15
Douglas, D. B.	Edmonton	129	26- 7-16
Davis, William	Mountain Park	192	7-11-17
Dunnigan, Edward	Evansburg	216	1- 6-18
Dawes, Edmund	Drumheller	222	8- 6-18
Davies, J.	Coleman	265	26- 6-19
Dupen, Thomas	Edmonton	275	26- 6-19
Dunlop, Hugh	Coleman	321	26- 7-20
Dunn, W. P.	Edmonton	347	26- 7-20
Devoy, William	Hardieville	9	6- 3-14
Dryburgh, W. W.	Nordegg	356	26- 7-20
Dieter, Walter J.	Sheerness	397	1- 8-21

LIST OF NAMES OF HOLDERS OF THIRD CLASS CERTIFICATES—
(Continued)

Name	Address	Cert. No.	Date of Issue
Davey, George	Michel, B.C.	418	1- 8-21
Dunn, Samuel	Taber	441	15-12-21
Deere, Gladstone E.	Blackstone	449	21- 7-22
D'Amico, George	Nordegg	486	1- 8-22
Davies, John C. H.	Coalmont, B.C.	492	1- 9-22
Dudley, John T.	Hillcrest	493	1- 9-22
Davidson, Albert M.	Evansburg	517	17- 8-23
Desson, Horace E.	Rosedale	526	17- 8-23
Driscoll, L.	Evansburg	560	24- 7-24
Dawson, Glen	Brule Mines	573	24- 7-24
Dunbar, Edgar J.	Canmore	575	1- 8-24
Eccleston, W.	Edmonton	20	3- 1-07
Evans, H.	Taber	94	2-12-09
Evans, D.	Frank	83	3- 9-09
Evans, Hugh	Lethbridge	156	12- 7-11
Embree, Merton B.	Evansburg	239	31- 7-13
Evans, Nathaniel	Passburg	54	27-11-14
Evans, Llewellyn	Coleman	152	7- 7-17
Excoffon, Eugene	Bellevue	155	7- 7-17
Eno, John W.	Drumheller	223	8- 6-18
Eccleston, Richard	Bellevue	243	26- 6-19
Evans, Thomas O.	Blairmore	244	26- 6-19
Evans, Gwilym	Blairmore	308	26- 7-20
Evans, Charles	Hillcrest	327	26- 7-20
Eccleston, J. W.	Mountain Park	330	26- 7-20
Evans, William	Drumheller	360	26- 7-20
Evans, Thos. L.	Calgary	367	1-11-20
Evans, James D.	Drumheller	383	1- 8-21
Entwistle, Albert V.	Kipp	471	31- 7-22
Eccleston, Thomas	Mountain Park	475	31- 7-22
Eckert, William	Sedalia	539	17- 8-23
Fairhurst, H.	Lethbridge	39	23-12-04
Ferguson, C. J.	Edmonton	4	20-12-05
Fraser, J.	Coleman	8	3- 1-07
Fox, A.	Carbon	55	8- 1-09
Fowers, C. W.	Canmore	50	29- 5-08
Fiske, G. E.	Edmonton	88	27-11-09
Fisher, Samuel	Passburg	169	17-11-11
Ford, Allen	Burmis	183	28-11-11
Foster, William	Wayne	31	28- 4-14
Ferguson, John	Commerce	34	23- 5-14
Fyfe, Walter H.	Wayne	79	19- 8-15
Fishwick, Thomas	Mountain Park	98	12-10-15
Foster, James	Lethbridge	174	17- 7-17
Fisher, William J.	Bellevue	186	13- 7-17
Fisher, Ernest	Bellevue	256	26- 6-19
Fraser, Alec	Carmangay	274	26- 6-19
Fraser, James	Carbon	286	25- 8-19
France, Harry	Nordegg	288	8-10-19
Flynn, Thomas E.	Coleman	306	26- 7-20
Ford, George C.	Drumheller	310	26- 7-20
Fudge, George H.	Foothills	311	26- 7-20
Fisher, Harry	Hillcrest	338	26- 7-20
Fourneau, Jean F.	Bellevue	396	1- 8-21
Ferryman, Henry	Corbin, B.C.	447	16- 6-22
Foster, Richard	Edmonton	502	29-12-22
Fleming, Nelson	Coleman	550	1-11-23
Gatlis, R.	Long Coulee	85	25-11-09
Giffen, H. R.	Carbon	19	26- 4-04
Gates, H.	Coleman	26	26- 4-04
Griffiths, E. H.	Canmore	33	5-12-04

LIST OF NAMES OF HOLDERS OF THIRD CLASS CERTIFICATES—
(Continued)

Name	Address	Cert. No.	Date of Issue
Gladwin, J.	Edmonton	97	20-12-09
Griffiths, T. J.	Lille	77	18- 6-09
Gillespie, John M.	Coleman	111	2- 6-10
Gilliland, William	Cardiff	123	8-11-10
Gwilliam, David J. M.	Brule	130	22-12-10
Gregory, John B.	Passburg	128	17-12-10
Garrett, John	Lille	147	4- 7-11
Griffiths, John T.	Lille	168	17-11-11
Garbett, Richard	Michel, B.C.	180	23-11-11
Gorton, James	Hillcrest	203	22- 7-12
Green, Henry V.	Halkirk	1	1-11-13
Grant, Robert H.	Edmonton	2	23-10-13
Grant, Robert	Lethbridge	10	10- 3-14
Goldie, William	Lethbridge	24	1- 4-14
Graham, Robert	Clover Bar	50	27-11-14
Gilday, Michael E.	Drumheller	63	11-12-14
Gillespie, John C.	Drumheller	132	3- 8-16
Greenhalgh, Richard M.	Coleman	154	7- 7-17
Givens, John	Drumheller	158	10- 7-17
Goodrick, William L.	Commerce	168	17- 7-17
Goodwin, Andrew	Bellevue	187	13- 8-17
Gammie, John S.	Drumheller	226	8- 6-18
Grant, Donald A.	Hillcrest	242	26- 6-19
Gordon, Thomas	Drumheller	248	26- 6-19
Green, Henry V.	Halkirk	291	15-11-19
Goodwin, G. W.	Bellevue	320	26- 7-20
Gidman, J. H.	Taber	348	26- 7-20
Gibson, Henry	Edmonton	349	26- 7-20
Gilmour, Pete	Midlandvale	363	26- 7-20
Gibson, William	Edmonton	370	26- 7-20
Goodwin, Watts	Bellevue	408	1- 8-21
Galbraith, A. G.	Coalhurst	460	31- 7-22
Gregory, William W.	Mountain Park	496	6- 9-22
Gavelin, Fred	Blairmore	519	17- 8-23
Holmes, G. E.	Fernie, B.C.	15	1903
Hood, Andrew	Frank	20	26- 4-04
Hadfield, John	Canmore	23	21- 6-03
Harrison, Thomas	Cadomin	29	11- 7-04
Haines, Thomas	Coleman	37	23-12-04
Harvie, Robert	Lethbridge	40	23-12-04
Hallworth, Albert	Bellevue	52	12- 6-08
Hayes, Robert	Blairmore	60	22- 1-09
Harvie, John	Taber	68	1- 2-09
Henderson, W.	Calgary	61	26- 1-09
Higgins, Alfred	Bankhead	25	15- 5-07
Hannen, James	Canmore	1	30- 5-06
Holden, James	Drumheller	13	3- 1-07
Humble, Stephen T.	Bellevue	29	23- 5-07
Hamilton, Charles	Edmonton	36	10- 1-08
Hilling, James	Coleman	43	23- 1-08
Hutton, Isaac	Bellevue	99	27-12-09
Hartley, William	Bankhead	110	2- 6-10
Hill, James	Canmore	114	3- 6-10
Hulme, Charles	Hanna	124	17-12-10
Henderson, James	Reid Hill	134	30-12-10
Hutton, John	Bellevue	135	30-12-10
Henderson, Samuel	Reid Hill	136	30-12-10
Halliday, George W.	Nanaimo, B.C. (Duplicate)	248	31- 7-13
Halliday, George	Nanaimo, B.C.	155	8- 7-11
Hughes, William R.	Elcan	181	23-11-11
Hutton, George	Bellevue	186	2-12-11

LIST OF NAMES OF HOLDERS OF THIRD CLASS CERTIFICATES—
(Continued)

Name	Address	Cert. No.	Date of Issue
Hutchinson, Peter	Frank	202	22- 7-12
Heap, Robert	Lundbreck	206	10- 8-12
Hunter, Alexander B.	Medicine Hat	207	19- 8-12
Harries, Henry C.	Coleman	209	26-10-12
Hutton, David T.	Bellevue	241	31- 7-13
Heathcote, Joseph	Edmonton	32	28- 4-14
Harmison, William	Cassidy, B.C.	41	27- 8-14
Hynd, William	Elcan	52	26-11-14
Hutton, Hugh	Bellevue	60	5-12-14
Hargreaves, George	Lethbridge	65	11-12-14
Hopkins, William	Coleman	93	1- 9-15
Huddart, Matthew	Bellevue	102	18-11-15
Hamilton, John	Lethbridge	120	10- 7-16
Howells, John	Elcan	126	19- 7-16
Hyde, Isaac	Cadomin	134	15- 9-16
Holmes, Robert	Coleman	141	11-11-16
Hunter, John T.	Garden Plain	148	7- 7-17
Holland, Thomas	Lethbridge	161	10- 7-17
Hastings, Andrew P.	Lethbridge	176	10- 7-17
Hodgkinson, John A.	Mountain Park	205	1- 6-18
Hudyma, John	Pocahontas	207	1- 6-18
Head, James	Taber	209	1- 6-18
Hooks, John W.	Drumheller	210	1- 6-18
Hedges, Richard	Beverly	239	29- 8-18
Higney, John	Coalhurst	245	25- 6-19
Hillary, John	(Deceased)	258	26- 6-19
Hopkins, John T.	Coleman	259	26- 6-19
Hunter, James	Edmonton	276	26- 6-19
Huff, L. E.	Lethbridge	325	26- 7-20
Hutchison, J. J.	Lovettville	332	26- 7-20
Hawkins, E. L.	Nordeg	339	26- 7-20
Hillary, Joseph	Drumheller	391	1- 8-21
Hamilton, Thomas M.	Blairmore	393	1- 8-21
Hall, James	Nordeg	402	1- 8-21
Hutchinson, George E.	Brookdale	404	1- 8-21
Hetherington R., Jr.	Wayne	420	1- 8-21
Hogg, Charles M.	Lethbridge	424	1- 8-21
Hamilton, Joseph J.	Lethbridge	434	29- 8-21
Hall, Ernest	Wayne	438	10-10-21
Horner, Charles	Edmonton	440	16-12-21
Hopkins, William H.	Drumheller	451	31- 7-22
Hooten, Robert	Edmonton	505	15- 2-23
Hughes, Harry	Natal, B.C.	506	9- 3-23
Harris, Rupert S.	Edmonton	513	17- 8-23
Hawkins, Harold	Drumheller	541	1- 9-23
Hulme, James	Carbon	564	26- 2-24
Hart, Daniel	Wayne	566	26- 6-24
Hadfield, W. A.	Coleman	567	16- 7-24
Harries, John	Wayne	568	16- 7-24
Hughes, Angus	Coleman	572	24- 7-24
Horne, James	Mercoal	576	1- 8-24
Ironmonger, John	Hillcrest	145	3- 7-11
Ironmonger, William	Hillcrest	487	1- 8-22
Jones, Evan	Coalfields	12	26- 4-04
Jones, Joseph	Frank	25	26- 4-04
Jones, Samuel A.	Nanaimo, B.C.	17	26- 4-04
Jones, Erskine	Coalfields	47	18- 4-05
Jones, Henry	Coleman	53	14- 7-08
Jones, David	Edmonton	69	1- 2-09
Jones, Jack	Cardiff	127	17-12-10
Jones, Peter	Lethbridge	195	13- 7-12

LIST OF NAMES OF HOLDERS OF THIRD CLASS CERTIFICATES—
(Continued)

Name	Address	Cert. No.	Date of Issue
Jordan, William	Drumheller	220	20-11-12
Joyce, Michael	Blairmore	224	25-11-12
James, William	(Deceased)	234	1- 7- 3
Jackson, John	Bellevue	246	31- 7-13
James, John	Pocahontas	28	21- 4-14
Jones, David	Commerce	55	27-11-14
Johnson, Albert	Coleman	88	26- 8-15
Jones, Daniel G.	Lovettville	99	10-12-15
Jones, Evan J.	Calgary	144	3- 7-17
Jinks, William E.	England	180	25- 7-17
Jones, John H.	Taber	214	1- 6-18
James, Isaac A.	Coleman	252	26- 6-19
Jones, Richard	Nordegg	289	8-10-19
Johnstone, Alexander	Clover Bar	329	26- 7-20
James, Thomas	Saunders	340	26- 7-20
Jones, Griffith	Edmonton	375	17- 6-21
Jordon, Benjamin	Calgary	463	31- 7-22
Jones, Edward B.	Hillcrest	469	31- 7-22
Jones, Daniel	Dinant	474	31- 7-22
Jones, Richard M.	Wayne	491	1- 9-22
Jackson, Thomas	Coleman	495	1- 9-22
Jones, Arthur	Coleman	547	15- 8-23
Johnson, Chris.	Carbon	561	28-12-23
Jones, David I.	Wayne	578	11- 8-24
Kerr, William R.	Nordegg	89	29-11-09
Kirkeberg, Henry S.	(Deceased)	87	27-11-09
Kerr, Robert T.	Passburg	75	17- 6-09
Kerr, Robert	Lundbreck	76	17- 6-09
Kaye, Herschel	Maycroft	191	4- 1-12
Kemp, David	Beaver Mines	201	22- 7-12
Keynon, William	Mountain Park	44	28- 9-14
Knox, Joseph	Hardieville	119	10- 7-16
Kelly, Patrick	Edmonton	147	7- 7-17
Kerrison, Thomas W.	Eyremore	163	10- 7-17
Koentges, John	Blairmore	182	25- 7-17
Kyle, Daniel C.	Hillcrest	185	25- 7-17
Klejko, Stephen	Coleman	213	1- 6-18
King, John J.	Nordegg	221	8- 6-18
Kirkham, Thomas	Sheerness	284	26- 6-19
Kehl, Isadore	Big Valley	359	26- 7-20
Krause, Herman F.	Lethbridge	407	1- 8-21
Kay, Arthur	Coleman	501	1-11-22
Klatt, Rudolph E.	Evansburg	544	1- 9-23
Knudson, Arthur	Canmore	586	4-12-24
Livingstone, Robert	Lethbridge	7	21-11-98
Livingstone, James C.	Lethbridge	18	26- 4-04
Learmonth, A. J.	Lundbreck	42	23- 1-08
Love, William	Edmonton	86	27-11-09
Lamont, David	Cadomin	98	24-12-09
Letcher, John J.	Hillcrest	149	4- 7-11
Leblanc, Emile	Taber	153	8- 7-11
Littler, Robert	Michel, B.C.	166	17-11-11
Loxton, George	Fernie, B.C.	176	17-11-11
Littler, John	Michel, B.C.	190	30-12-11
Littler, Matthew	Michel, B.C.	226	7-12-12
Laight, Jonas	Medicine Hat	233	3- 5-13
Ludbrook, Ellis B.	(Deceased)	237	31- 7-13
Lynch, Stewart	Canmore	26	15- 4-14
Loxton, John	Fernie, B.C.	51	27-11-14
Letcher, Joseph H.	Lovettville	100	12-10-15
Lamond, David	Evansburg	109	10- 7-16

LIST OF NAMES OF HOLDERS OF THIRD CLASS CERTIFICATES—
(Continued)

Name	Address	Cert. No.	Date of Issue
Loftus, Edward	Drumheller	111	10- 7-16
Lewis, Thomas	Hardieville	131	26- 7-16
Longworth, Thomas	Edmonton	146	5- 7-17
Logan, John T.	Drumheller	190	6- 9-17
Lohmaier, Peter	Sheerness	238	15- 7-18
Lee, Walter J.	Nordegg	269	26- 6-19
Lindsay, John	Coalhurst	272	26- 6-19
Lindsay, James	Coalhurst	273	26- 6-19
Lawrence, John	Drumheller	294	1-12-19
Lewis, Hanbury	Calgary	364	1-11-20
Leonard, Philip	Nordegg	479	1- 8-22
Lytkowski, William P.	Canmore	503	30-12-22
Lecuyer, Glenn	Midlandvale	562	31-12-23
Lewis, John W.	Mountain Park	580	25- 9-24
Lavis, George	Drumheller	585	14-11-24
Musgrove, William	Canmore	9	23- 8-00
Mattson, Matt.	Frank	34	5-12-04
Morris, David	(Deceased)	45	24- 2-08
Machin, J. C.	Strathcona	46	26- 2-08
Moore, Thomas E.	Drumheller	56	11- 1-09
Mather, Thomas	Edmonton	96	8-12-09
Morgan, Owen	Saunders	143	3- 7-11
Munro, William K.	Lille	150	4- 7-11
Muir, David	Edmonton	151	8- 7-11
Miller, Walter	Beverly	159	25- 8-11
Moore, James H.	Coleman	167	17-11-11
Massey, Harry	Michel, B.C.	172	17-11-11
Murray, John	Lille	174	17-11-11
Mason, Samuel	Taber	187	6-12-11
Morrison, Malcolm	Midlandvale	189	30-12-11
Melling, Peter	Evansburg	208	26-10-12
Mackie, John	Hillcrest	221	25-11-12
Makin, John W.	Coleman	240	31- 7-13
Muir, Alexander	Hardieville	12	10- 3-14
Miller, Joseph	Stafford Village	14	10- 3-14
Muir, Robert	Bankhead	21	23- 3-14
Murray, David	Hillcrest	35	26- 5-14
Mather, John	Cadomin	45	26-10-14
Muir, James	Bankhead	57	5-12-14
Marsh, Ernest	Taber	61	5-12-14
Morgan, William J.	Canmore	64	11-12-14
Martin, William H.	Brule Mines	69	28- 1-15
Marsh, John H.	Lethbridge	75	20- 3-15
Mallabone, Ernest	Canmore	105	7- 7-16
Miller, David L.	Taber	114	10- 7-16
Millar, Peter P.	Drumheller	127	26- 7-16
Martin, Richard	(Deceased)	135	25- 9-16
Maddison, William	Mountain Park	136	25- 9-16
Mitchell, John	Evansburg	143	27- 2-17
Morgan, Robert M.	Coleman	160	10- 7-17
Morse, Alfred T.	Hanna	172	17- 7-17
Michayluck, John G.	Brule Mines	184	25- 7-17
Marsh, William	Drumheller	230	7- 6-18
Mathewson, James	Nevis	236	22- 6-18
Mossey, Thomas M.	Lethbridge	237	5- 7-18
Miller, James	Aerial	266	26- 6-19
Miller, John R.	Aerial	293	20-11-19
Monkton, William	Rosedale	322	26- 7-20
Miller, Joseph Jr.	Lethbridge	326	26- 7-20
Milnes, John	Bellevue	334	26- 7-20
Melling, Joseph	Evansburg	335	26- 7-20

LIST OF NAMES OF HOLDERS OF THIRD CLASS CERTIFICATES—
(Continued)

Name	Address	Cert. No.	Date of Issue
Maddison, John	Hillcrest	354	26- 7-20
Melvin, J. L.	Lethbridge	371	28-12-20
Meyers, August	Drumheller	406	1- 8-21
Minue, Graydon B.	Nordegg	410	1- 8-21
Mitchell, Archie	Cadomin	412	1- 8-21
Metcalf, Joseph W.	Coalhurst	498	1-11-22
Mossey, Robert	Frank	507	17- 5-23
Macri, D.	Brule Mines	518	17- 8-23
Martin, David	Blairmore	527	17- 8-23
Miller William	Drumheller	535	17- 8-23
Marsh, Walter	Kellog, Idaho	538	17- 8-23
Martin, Henry, Sr.	Saunders West	549	15- 9-23
Mitchell, Hugh J.	Foothills	569	24- 7-24
McKay, John J.	Lethbridge	5	19-11-98
McKinnon, H. G.	Canmore	36	5-12-04
McGregor, Alex.	Big Valley	41	16- 1-05
McCulloch, Alex.	Cadomin	43	18- 4-05
McDonald, J. A.	Blairmore	44	18- 4-05
McVey, William	Frank	39	10- 1-08
McLeary, Stewart	Lethbridge	58	12- 1-09
McMillan, William D.	Coleman	72	25- 2-09
McKinnon, A. J.	Canmore	62	29- 1-09
McLenhan, John A.	Dinant	51	8- 6-08
McGarry, Martin	Michel, B.C.	59	19- 1-09
McDonald, James A.	Lille	91	29-11-09
McMillan, Donald	Coleman	107	31- 5-10
McDonald, Duncan	Drumheller	112	2- 6-10
McDonald, Hector	Priddis	115	3- 6-10
McDonald, William C.	Lethbridge	122	16- 7-10
McDevitt, James J.	Tofield	129	22-12-10
McGladrie, John	Lille	152	8- 7-11
McMullin, Joseph	Hillcrest	171	17-11-11
McGough, Joseph P.	Bellevue	219	18-11-12
McDonald, James O. C.	Coleman	225	25-11-12
McDonald, Noble M.	Bellevue	5	28-11-13
McGowan, James K.	Lethbridge	13	10- 3-14
McLeod, John A.	Coleman	74	8- 3-15
McLellan, John A.	Cadomin	77	8- 5-15
McIlveen, William	Lovettville	80	19- 8-15
McAndrew, Robert	Clover Bar	81	19- 8-15
McAndrew, John	Blairmore	83	19- 8-15
McKean, George J.	Bellevue	121	10- 7-16
McLean, William	Mountain Park	122	10- 7-16
McQueen, Andrew	Nordegg	124	19- 7-16
McMillan, Daniel	Drumheller	149	7- 7-17
McDonald, John H.	Nanaimo, B.C.	164	10- 7-17
McKinnon, John L.	Coleman	189	4- 9-17
McDonald, George	Drumheller	212	1- 6-18
MacKay, William J. K.	Ontario	240	28- 1-19
McDicken, James	Coleman	251	26- 6-19
McFegan, Robert	Michel, B.C.	255	26- 6-19
MacPherson, John M.	Coalhurst	257	26- 6-19
McQueen, George	Nordegg	270	26- 6-19
McDade, John	Drumheller	290	8-11-19
McGowan, William	Lethbridge	317	26- 7-20
McKinnie, John	Drumheller	369	26- 7-20
McKenna, Harry	Pocahontas	376	17- 6-21
McAskill, Alexander	Drumheller	3 0	1- 8-21
McGaw, A. M. S.	Carmangay	398	1- 8-21
McGregor, Thomas B.	Lethbridge	417	1- 8-21

LIST OF NAMES OF HOLDERS OF THIRD CLASS CERTIFICATES—
(Continued)

Name	Address	Cert. No.	Date of Issue
McNab, Murdoch	Coalhurst	419	1- 8-21
McLeod, Gordon J.	Mountain Park	422	1- 8-21
MacDonald, William	Drumheller	431	29- 8-21
McCubbrey, James	Drumheller	458	31- 7-22
McGuire, George	Dinant	466	31- 7-22
McGuire, James S.	Dinant	467	31- 7-22
MacLeod, Roderick	Coleman	470	31- 7-22
McEachren, Malcolm	Wayne	531	17- 8-23
McLennan, George A.	Drumheller	531	17- 8-23
MacNeil, James	Cadomin	537	17- 8-23
McLeod, Allan	Rosedale	543	1- 9-23
McLafferty, P.	Bellevue	551	1-11-23
McGladrie, Andrew	Lethbridge	423	1- 8-21
Ne son, Horatio	Lundbreck	11	3- 1-07
Nanson, Thomas H.	Bellevue	15	3- 1-07
Nicol, James	(Deceased)	34	26-12-07
Nicol, George	Cadomin	27	21- 4-14
Nugent, Bernard	Drumheller	133	30- 8-16
Nelson, Walter W.	Coleman	462	31- 7-22
Nicholson, Peter	Cadomin	472	31- 7-22
Oliphant, J. H.	Carbon	26	17- 5-07
Oliphant, John	Taber	79	16- 7-09
O'Donnell, Thomas	Rosedale	139	17- 3-11
Ottewell, William J.	Clover Bar	245	31- 7-13
Oakes, Robert	Blairmore	104	10- 6-16
Oakley, John	Mountain Park	115	10- 7-16
Oliver, B.	Magrath	342	26- 7-20
Owen, Thomas	Michel, B.C.	442	10- 3-22
Ostler, James	Taber	445	22- 5-22
Oldham, Albert	Luscar	579	11- 8-24
Oliver, Edward	Taber	584	14-11-24
Phillips, Charles	(Deceased)	14	30-12-02
Prentice, John	Virginia, U.S.A.	67	1- 2-09
Powell, Albert E.	Lundbreck	71	4- 2-09
Picton, William	Frank	78	8- 7-09
Pounder, George	Pincher Creek	84	22- 9-09
Parker, Levi	Namoo	100	18- 1-10
Pickering, Gabe	Taber	104	25- 2-10
Parry, Thomas	Hillcrest	119	21- 6-10
Park, Stewart G.	Lethbridge	121	25- 6-10
Patterson, John	Hillcrest	126	17-12-10
Picton, Daniel	Aerial	178	23-11-11
Park, William	Lethbridge	194	13- 7-12
Parkes, John T.	Lethbridge	236	31- 7-13
Park, Alex. C.	Lethbridge	25	8- 4-14
Porteous, Alexander	Hillcrest	36	26- 5-14
Purdy, Stearns J.	Bellevue	37	28- 5-14
Parker, Joseph	Drumheller	47	25-11-14
Puckett, Owen L.	Lovettville	53	27-11-14
Pavier, Evan	Big Valley	91	27- 8-15
Price, Alfred	Montana, U.S.A.	103	4- 1-16
Pitt, Arthur J.	Coleman	108	10- 7-16
Phillips, David	Commerce	110	10- 7-16
Price, John	Mountain Park	116	10- 7-16
Pratt, Philip	Lovettville	117	10- 7-16
Paterson, Patrick	Evansburg	139	3-10-16
Padgett, Albert	Bellevue	177	17- 7-17
Poole, Alexander	Drumheller	241	16- 5-19
Prescott, William	Hillcrest	249	26- 6-19
Painter, J. A.	Mountain Park	361	26- 7-20
Parkinson, Harry	Coleman	465	31- 7-22

LIST OF NAMES OF HOLDERS OF THIRD CLASS CERTIFICATES—
(Continued)

Name	Address	Cert. No.	Date of Issue
Pearson, Francis	Hillcrest	468	31- 7-22
Phipps, Mathew J.	Mountain Park	494	1- 9-22
Price, John	Mountain Park	497	1-11-22
Patterson, William	Blairmore	515	17- 8-23
Parry, Robert	Coleman	546	15- 9-23
Poxon, Wilfred	Carbon	555	15-11-23
Peters, Frederick C.	Wayne	582	25- 9-24
Quigley, Daniel H.	Coalhurst	157	14- 7-11
Queen, Andrew M.	Lethbridge	228	26-12-12
Rice, Awrey	Edson	48	18- 4-04
Rawson, Thomas S.	Frank	1	20-12-05
Rose, Walter	Lundbreck	54	25- 8-08
Roberts, William	Strathcona	95	3-12-09
Robinson, John H.	Hillcrest	106	31- 5-10
Rowbotham, William H.	Edmonton	116	6- 6-10
Roberts, E.	Big Valley	118	20- 6-10
Richardson, Alfred	Lethbridge	125	17-12-10
Richards, George	Coleman	137	31-12-10
Roberts, John	Cadomin	140	6- 4-11
Reid, James	Canmore	158	24- 7-11
Richards, Evan	Balkan	162	17-11-11
Richards, Samuel	Bellevue	175	17-11-11
Rawlinson, Rowland	Magnolia	182	28-11-11
Rayner, Frederick	Frank	188	8-12-11
Radford, James	Bellevue	200	22- 7-12
Rae, John	Coleman	242	31- 7-13
Rankin, William	Hosmer, B.C.	4	28-11-13
Rebar, Mike	Hardieville	19	18- 3-14
Rees, Daniel	Bellevue	56	27-11-14
Russell, Arthur	Standard	59	5-12-14
Russell, John	Ardley	67	20- 1-15
Rees, Gomer	Beverly	96	12-10-15
Robinson, Edward	Chilliwack, B.C.	101	20-10-15
Roberts, David O.	Wayne	106	7- 7-16
Roberts, David C.	Coleman	113	10- 7-16
Randall, David	Coleman	191	10-10-17
Reid, Edward	Drumheller	206	1- 6-18
Redpath, James	Wayne	208	1- 6-18
Reid, Samuel	Brule Mines	211	1- 6-18
Richards, Edward	Drumheller	271	26- 6-19
Rollingson, John	Lethbridge	280	26- 6-19
Ruscoe, Richard	Halkirk	282	26- 6-19
Roberts, Evan	Wayne	318	26- 7-20
Royle, Edward	Hillcrest	323	26- 7-20
Robertson, W. J.	Coalhurst	333	26- 7-20
Rappel, Thomas	Rosedale	337	26- 7-20
Rappel, A. J.	Calgary	355	26- 7-20
Richards, John C.	Coleman	386	1- 8-21
Richards, Thomas	Wayne	392	1- 8-21
Rees, William H.	Lethbridge	435	29- 8-21
Rowley, Arthur	Calgary	455	31- 7-22
Ridgeway, Leonard J.	Coalhurst	457	31- 7-22
Roberts, Robert	Wayne	464	31- 7-22
Richards, Harold	Hillcrest	484	1- 8-22
Roberts, Lemuel	Wayne	488	1- 8-22
Richards, M. C. Russell	Edmonton	509	17- 5-23
Rutherford, Leslie D.	West Saunders	565	6- 5-24
Rutherford, Wilson	Drumheller	583	30-10-24
Scott, Robert	Lethbridge	6	19-12-98
Scott, Hugh	(Deceased)	8	5- 6-09
Sedlock, Joseph	Canmore	22	25- 6-03

LIST OF NAMES OF HOLDERS OF THIRD CLASS CERTIFICATES—
(Continued)

Name	Address	Cert. No.	Date of Issue
Smith, Robert	Canmore	32	5-12-04
Smith, Hugh	Bellevue	35	5-12-04
Stott, John	Lethbridge	38	23-12-04
Spencer, W. J.	Bankhead	51	6- 7-05
Salmond, James M.	Bankhead	6	20-12-05
Sparrow, Edwin	Tawatinaw	2	20-12-05
Smith, Ralph	Canmore	3	30- 5-06
Singleton, Robert	Lundbreck	47	29- 5-08
Schmidt, O. P.	Edmonton	44	1- 2-08
Sihvon, William	Bellevue	27	17- 5-07
Scott, Andrew N.	Mountain Park	28	23- 5-07
Smith, A. J. P.	Bellevue	103	21- 2-10
Shaw, Thomas J.	Luscar	113	3- 6-10
Scott, Alexander	Pocahontas	185	28-11-11
Sheratt, Owen, Sr.	Coleman	199	13- 7-12
Smith, Thomas	Hillcrest	216	1-11-12
Stobbs, Joseph	Diamond City	217	5-11-12
Shaw, Eli	Canmore	229	30- 4-13
Stephenson, Thomas	Bellevue	230	7- 4-13
Stott, John	Lethbridge (Duplicate)	231	7- 4-13
Stephenson, Joseph	Commerce	232	30- 4-13
Sandino, Joseph	Wayne	238	31- 7-13
Steele, John W.	Lethbridge	17	16- 3-14
Severns, Matthew	Edmonton South	42	8- 9-14
Spencer, Murray A.	Brule Mines	43	18- 9-14
Snarey, George	Beynon	62	5-12-14
Sinclair, James	Drumheller	68	22- 1-15
Smith, John	Blairmore	94	1- 9-15
Smith, T. Edwin	Montana	130	26- 7-16
Strickland, William	Evansburg	145	5- 7-17
Stratton, James M.	Taber	181	25- 7-17
Steen, Herman	Hanna	277	26- 6-19
Scott, Frederick G.	Nordegg	287	2- 9-19
Sippell, Joseph	(Deceased)	295	1-12-19
Stewart, James	Lethbridge	305	26- 7-20
Smith, Thomas	Coleman	307	26- 7-20
Saunt, James	Drumheller	309	26- 7-20
Steele, Francis M.	Calgary	319	26- 7-20
Stratton, A. T.	Medicine Hat	351	26- 7-20
Serrie, John	Taber	353	26- 7-20
Sutherland, Edward S.	Beverly	395	1- 8-21
Scott, Robert	Mountain Park	399	1- 8-21
Shaw, William G.	Nordegg	409	1- 8-21
Shaw, Joseph H.	Nordegg	416	1- 8-21
Shaw, John H.	Nordegg	426	1- 8-21
Stene, David	Edmonton	430	29- 8-21
Strachan, John	Fernie, B.C.	437	29- 8-21
Sneddon, Thomas	Taber	444	3- 4-22
Shepperd, George E.	Wayne	477	1- 8-22
Speager, Pete A.	Calgary	489	1- 9-22
Smith, Andrew A.	Drumheller	522	17- 8-23
Shevels, John	Bellevue	523	17- 8-23
Smith, Sydney L.	Drumheller	552	1-11-23
Studholm, John H.	Dinant	559	18-12-23
Turner, Samuel	Frank (Duplicate)	22	8- 5-07
Taylor, William	Lethbridge	10	16- 4-01
Turner, Samuel H.	Frank	21	25- 6-03
Thomas, David	(Deceased)	31	5-12-04
Teppo, Herman	(Deceased)	19	3- 1-07
Thompson, Thomas	Lundbreck	16	3- 1-07
Tonge, Thomas	Lundbreck	5	30- 5-06

LIST OF NAMES OF HOLDERS OF THIRD CLASS CERTIFICATES—
(Continued)

Name	Address	Cert. No.	Date of Issue
Taylor, Thomas	(Deceased)	30	23- 5-07
Thomas, John J.	Frank	74	21- 4-09
Thompson, Thomas	Coleman	93	29-11-09
Thomas, Joseph D.	Nacmine	81	25- 8-09
Thomson, Thomas W.	Bankhead	161	17-11-11
Thompson, Joseph	Coleman	165	17-11-11
Thomas, Isaac	Coleman	204	27- 7-12
Tully, Thomas	Fernie, B.C.	215	1-11-12
Turner, William	Hillcrest	244	31- 7-13
Thomas, John B.	Edmonton	46	19-11-14
Thomson, Roger A.	Lovettville	66	22-12-14
Thomson, David	Lovettville	82	19- 8-15
Tennant, Robert	Lethbridge	84	19- 8-15
Troman, Samuel	Lethbridge	87	26- 7-15
Turner, Leonard	Nordeg	125	19- 7-16
Thom, George	Mountain Park	142	12-12-16
Tennant, John	Lethbridge	165	10- 7-17
Terris, Andrew	Nordeg	170	17- 7-17
Tennant, William G.	Lethbridge	228	8- 6-18
Tisdale, James R.	Edmonton	231	8- 6-18
Thomason, Charles	Blairmore	234	14- 6-18
Talbot, William	Drumheller	235	22- 6-18
Thomson, James	Beverly	425	1- 8-21
Terris, Chapen	Gramania	429	1- 8-21
Thomson, George H.	Lethbridge	433	29- 8-21
Thompson, Andrew	Aerial	267	26- 6-19
Thackray, Fred	Taber	281	26- 6-19
Travis, Joseph	Bankhead	303	26- 7-20
Thornhill, John E.	Coalhurst	482	1- 8-22
Tannucci, Joseph	Nordeg	485	1- 8-22
Tilley, John C.	Bellevue	511	30- 6-23
Taylor, William	Midlandvale	514	17- 8-23
Turner, William H.	Blairmore	525	17- 8-23
Tucker, John M.	Entwistle	528	17- 8-23
Talbot, Walter J.	Clover Bar	533	17- 8-23
Trentham, Harry	Ghost Pine	536	17- 8-23
Teasdale, J. R. W.	Drumheller	540	1- 9-23
Tyldsley, Albert	Beverly	545	1- 9-23
Utley, Frederick W.	Bellevue	250	26- 6-19
Vola, Serafino	Canmore	63	1- 2-09
Vaselenak, Michael P.	Lethbridge	159	10- 7-17
Vickers, William A.	Taber	443	10- 3-22
Villard, Henry	Wayne	450	31- 7-22
Watkins, W. E.	Champion	1	14-11-98
Wilson, John	Canmore	2	15-11-98
Watkins, John W.	Canmore	3	15-11-98
Waite, Archibald	Taber	11	6- 7-03
Webb, James F.	Canmore	42	8- 4-05
Wilson, William G.	Canmore	3	20-12-05
Watters, John	Burmis	5	20-12-05
Wright, John S.	(Deceased)	12	3- 1-07
Welsh, W. R.	Burmis	9	3- 1-07
Wrigley, Walter	Cadomin	37	10- 1-08
Willmott, William	Canmore	38	10- 1-08
Watters, A. G.	Banff	49	29- 5-08
Weston, Thomas	Edmonton South	73	7- 4-09
White, Harry	Hillcrest	90	29-11-09
Williams, Walter E.	Edmonton	213	31-10-12
Williams, John J.	Edmonton	223	25-11-12
Whitefield, Isaac	Coalhurst	15	10- 3-14
Williams, John T.	Bellevue	33	23- 5-14

LIST OF NAMES OF HOLDERS OF THIRD CLASS CERTIFICATES—
(Continued)

Name	Address	Cert. No.	Date of Issue
Wesledge, William	Nanaimo, B.C.	58	5-12-14
Wardrop, James	Georgetown	72	16- 2-15
Worthington, Thomas	Lethbridge	92	1- 9-15
Wallwork, William	Taber	118	10- 7-16
Watkins, James M.	Taber	128	26- 7-16
Williams, Albert	Lovettville	138	25- 9-16
Wilcox, William J.	Brule Mines	140	11-11-16
Willetts, Frederick	Lethbridge	162	10- 7-17
Wilson, Alexander	Midlandvale	169	17- 7-17
Wolstoncroft, Robert	Commerce	175	17- 7-17
Watson, Adam G.	Calgary	215	1- 6-18
Wheatcroft, Fred, Jr.	Drumheller	225	8- 6-18
White, John M.	Lethbridge	233	14- 6-18
Warren, Michael	Canmore	304	26- 7-20
Womersley, Alfred	Redcliff	316	26- 7-20
Wright, S. P. T.	Coalhurst	336	26- 7-20
Walker, H. M.	Bellevue	368	26- 7-20
Watson, James	Edmonton	378	1- 8-21
Woollett, Charles	Edmonton	379	1- 8-21
Walker, Charles C.	Wayne	385	1- 8-21
White, William	Hillcrest	388	1- 8-21
White, Alfred	Hillcrest	389	1- 8-21
Wheatcroft, George L.	Wayne	394	1- 8-21
Wilkie, John	Sheerness	405	1- 8-21
White, Robert	Nordegg	411	1- 8-21
White, William	Coleman	427	1- 8-21
Whyte, William	Lethbridge	446	16- 6-22
Williamson, John B.	Cadomin	473	31- 7-22
Wood, Matthew	Bellevue	508	17- 5-23
Wylie, James	Commerce	520	17- 8-23
Wiswell, Byron	Blairmore	524	17- 8-23
Weaver, William	Natal, B.C.	530	17- 8-23
Whitelaw, William	Blairmore	532	17- 8-23
Whelan, Charles J.	Newcastle	556	4-12-23
Williamson, David S.	Camrose	558	18-12-23
Waller, Herbert	Natal, B.C.	562	28-12-23
Willetts, Norman	Hillcrest	571	24- 7-24
Williams, Hugh	Nordegg	577	1- 8-24
Young, Thomas	Taber	57	11- 1-09
Young, Samuel	Cardiff	101	18- 1-10
Young, David B.	Blairmore	581	25- 9-24
Yates, James	Coleman	504	15- 2-23
Zak, Albert	Commerce	324	26- 7-20

LIST OF NAMES OF HOLDERS OF MINE SURVEYORS' CERTIFICATES
GRANTED BY THE GOVERNMENT OF THE PROVINCE OF ALBERTA
TO DECEMBER 31, 1924

Name	Address	Cert. No.	Date of Issue
Aspinall, Francis	Drumheller	1	7- 8-15
Adam, William A.	Lethbridge	40	21- 8-15
Ashburner, Edward	Medicine Hat	79	1- 9-15
Allen, Peter	Wayne	109	23-11-15
Atkins, Cecil B.	Evansburg	162	17- 7-23
Brown, John	Calgary	30	20- 8-15
Billington, Edward E.	England	42	23- 8-15
Biltery, Jean	Taber	73	1- 9-15
Black, Ernest D.	England	75	1- 9-15
Baxter, Andrew W.	Calgary	119	23-11-15
Brown, Hugh R.	Wayne	125	10- 7-16
Brown, Thomas	Edmonton	133	17-11-17
Burgess, Wilfred D.	Trail, B.C.	169	18-12-23
Coulthard, Robert W.	Toronto, Ont.	20	7- 8-15
Church, James A. H.	Edmonton	21	7- 8-15
Charlesworth, Lionel C.	Edmonton	22	7- 8-15
Callander, Ira C.	(Deceased)	39	21- 8-15
Charbonnier, Jules	Blairmore	72	1- 9-15
Cote, Jean L.	(Deceased)	80	1- 9-15
Cautley, Reginald H.	Edmonton	81	1- 9-15
Crowder, James	(Deceased)	111	23-11-15
Cook, Arnold D.	Calgary	113	23-11-15
Cumming, Charles H.	Edmonton	135	3- 7-18
Crowder, Harry	Drumheller	152	26- 7-20
Congdon, Milton H.	Blairmore	157	1- 8-21
Clement, Adolph L.	Cadomin	158	1- 8-21
Cameron, Alan E.	Edmonton	154	9- 3-21
Carthew, John T.	England	164	17- 7-23
Chavignaud, Louis G.	Luscar	165	17- 7-23
Davidson, William A.	(Deceased)	7	7- 8-15
Drinnan, Robert G.	Edmonton	8	7- 8-15
DeHart, Joseph B.	Lethbridge	45	23- 8-15
Dougall, Ralph	(Deceased)	49	23- 8-15
Drummond, Leonard E.	Edmonton	51	23- 8-15
Dunn, Alex. C.	Edmonton	55	23- 8-15
Darbyshire, James	Edmonton	69	1- 9-15
Duggan, William H.	Foothills	84	1- 9-15
Driscoll, Alfred	Edmonton	91	7- 9-15
Dennis, Frederick W.	England	100	9- 9-15
David, Alfred	Lethbridge	114	23-11-15
Daniell, G. W. B.	Nanaimo, B.C.	126	10- 7-16
Donaldson, C. S.	Lethbridge	151	26- 7-20
Dewis, Clifford S.	Canmore	163	1- 8-22
Elliott, Edward P.	Pocahontas	33	20- 8-15
Ellis, William	Three Hills	94	7- 9-15
Evans, Daniel	Vancouver, B.C.	123	29-12-15
Elliott, G. R.	New York, U.S.A.	150	26- 7-20
Fraser, Norman	Edmonton	15	7- 8-15
Foot, Robert G.	Coleman	54	23- 8-15
Finnie, Oswald S.	Ottawa	57	23- 8-15
Flint, William G.	Edmonton	76	1- 9-15
Fortner, Edward	Tennessee, U.S.A.	83	1- 9-15
Fraser, Alan T.	(Deceased)	121	18-11-15
Foster, William	Wabamun	167	1- 9-23
Green, Raoul	Blairmore	70	1- 9-15
Gallon, Emile	France	89	7- 9-15
Gray, David	Washington, U.S.A.	110	23-11-15
Gheur, Ernest	(Deceased)	129	22- 2-17
Graham, A. E.	Coleman	168	15- 9-23
Hutchison, David	Hillcrest	29	20- 8-15

LIST OF NAMES OF HOLDERS OF MINE SURVEYORS' CERTIFICATES—
(Continued)

Name	Address	Cert. No.	Date of Issue
Huntrods, E. S. F.	Taber	34	20- 8-15
Holden, James O. E.	Drumheller	46	23- 8-15
Hardie, W. D. L.	Lethbridge	50	23- 8-15
Hargreaves, James	Victoria, B.C.	52	23- 8-15
Hamilton, James F.	Lethbridge	67	1- 9-15
Henderson, Thomas R.	Tofield	56	23- 8-15
Hutchison, William	Hillcrest	68	1- 9-15
Hamilton, Robert	Three Hills	74	1- 9-15
Horne, Thomas	Edson	82	1- 9-15
Harrison, S.	(Deceased)	85	1- 9-15
Hyde, Marcus L.	Vancouver, B.C.	95	7- 9-15
Hamilton, W. L.	Winnipeg, Man.	117	23-11-15
Hamilton, Allan	Mercoal	131	7- 7-17
Hall, W. E. G.	Coleman	143	2- 7-19
Hetherington, W. B.	Luscar	144	9- 7-19
Higgins, Alexander	Three Hills	145	15- 7-19
Hollies, R. T.	Edmonton	153	9- 3-21
Hunter, A. B.	Medicine Hat	156	1- 8-21
Howells, N.	Nacmine	160	3-11-21
Hnatyshyn, Andrew C.	Blairmore	171	24- 7-24
Hughes, Edward	Calumet, U.S.A.	174	25- 9-24
Jones, Samuel A.	Nanaimo, B.C.	26	19- 8-15
Jones, David	Edmonton	32	20- 8-15
Johnson, Moses	Blairmore	130	7- 7-17
Kellett, Walton	(Deceased)	47	23- 8-15
Knight, Richard R.	Edmonton	96	9- 9-15
Kellock, George	Coleman	105	23-11-15
Knight, Sidney	Edmonton	122	3-12-15
Kidd, G. L. S.	Drumheller	132	10-10-17
Livingstone, R.	Lethbridge	9	7- 8-15
Lee, Robert J.	Estevan, Sask.	64	1- 9-15
Lavoie, G. A.	United States	44	23- 8-15
Lyster, H. M.	Toronto, Ont.	77	1- 9-15
Leblanc, Emile	Taber	107	23-11-15
Lindoe, Luke	Coleman	136	3- 7-18
Lewis, John W.	Mountain Park	159	10-10-21
Morris, J. J.	(Deceased)	14	7- 8-15
Morris, R. H.	Virginia, U.S.A.	17	7- 8-15
Milne, M. C.	Virginia, U.S.A.	78	1- 9-15
Mills, H. W.	Victoria, B.C.	92	7- 9-15
Maxwell, W.	Westville, N.S.	93	7- 9-15
Millar, A. A.	Taylorlton, Sask.	97	9- 9-15
Meldrum, Wm.	Lethbridge	98	9- 9-15
Moodie, K. S.	Drumheller	101	9- 9-15
Marshall, J. W.	Evansburg	106	23-11-15
Marsh, John	Lethbridge	124	4- 4-16
Morgan, O.	Saunders	148	26- 7-20
Moore, H. D.	Nordeg	149	26- 7-20
Millen, John	Nordeg	172	24- 7-24
McNeill, W. F.	Calgary	6	7- 8-15
McLeod, John A.	Coleman	35	20- 8-15
McLenhan, J. A.	Dinant	37	21- 8-15
Macaulay, A. G.	Midlandvale	41	23- 8-15
Macaulay, D. A.	Drumheller	60	31- 8-15
McCulloch, James	Drumheller	104	23-11-15
McDonald, Duncan	Drumheller	118	23-11-15
McVicar, Samuel	(Deceased)	120	23-11-15
McDonald, John R.	Edmonton	128	22- 2-17
O'Donnell, Thomas	Rosedale	102	9- 9-15
Pitcher, Norman C.	Edmonton	10	7- 8-15
Parker, J. L.	Lundbreck	11	7- 8-15
Pickles, Wm.	Luscar	24	18- 8-15

LIST OF NAMES OF HOLDERS OF MINE SURVEYORS' CERTIFICATES—
(Continued)

Name	Address	Cert. No.	Date of Issue
Puckett, O. L.	Lovettville	31	20- 8-15
Ponton, G. M.	Calgary	63	1- 9-15
Piard, Marc	Bellevue	88	7- 9-15
Powell, A. E.	Lundbreck	108	23-11-15
Quigley, D. H.	Coalhurst	142	2- 7-19
Reid, J. C.	Oklahoma, U.S.A.	12	7- 8-15
Richards, J. A.	Edmonton	13	7- 8-15
Robertson, J. D.	Edmonton	23	7- 8-15
Richards, C. C.	Calgary	43	23- 8-15
Robertson, J.	Ardley	61	1- 9-15
Reid, A. H.	Oklahoma, U.S.A.	62	1- 9-15
Robert, L. P.	Bellevue	65	1- 9-15
Raisbeck, Luke	Drumheller	103	23-11-15
Ritchie, D. W.	Edmonton	134	28- 6-18
Robinson, W. E.	Coleman	139	11- 7-18
Riddell, J. G.	Coleman	147	26- 7-21
Richards, M. C. Russell	Edmonton	166	15- 9-23
Stockett, Lewis	Calgary	2	7- 8-15
Smith, F. B.	(Deceased)	3	7- 8-15
Stirling, John T.	Edmonton	19	7- 8-15
Shaw, Wm.	(Deceased)	25	19- 8-15
Scott, A. N.	Mountain Park	36	20- 8-15
Shanks, John	Nordegg	58	28- 8-15
Stevenson, W.	Hillcrest	59	31- 8-15
Stevens, Leonard C.	Edmonton	66	1- 9-15
Sutherland, C. C.	Seattle, Wash.	86	3- 9-15
Stevenson, J.	Scotland	116	23-11-15
Sherwin, P. M.	Frank	127	22- 1-17
Smith, T. E.	Montana, U.S.A.	137	3- 7-18
Steele, F. M.	Calgary	146	23- 3-20
Sparks, H. E.	Ontario	155	1- 8-21
Shanks, David	Nordegg	162	3- 4-22
Shaw, Norman	Nordegg	170	16- 7-24
Stewart, R. T.	Ardley	173	11- 8-24
Thornton, N. M.	(Deceased)	16	7- 8-15
Thorne, B. L.	Calgary	18	7- 8-15
Thomas, J. D.	Nacmine	115	23-11-15
Turner, J. H.	Coalhurst	141	2- 7-19
Wain, W. H.	(Deceased)	4	7- 8-15
Wilson, D. G.	Bankhead	5	7- 8-15
Whiteside, O. E. S.	Coleman	27	19- 8-15
Williams, A. E.	Saunders	38	21- 8-15
Williams, T. B.	Madison, Wis.	48	23- 8-15
Watson, R. H.	Diamond City	53	23- 8-15
Williams, W. P.	(Deceased)	71	1- 9-15
Watters, John	Burmis	87	3- 9-15
Wilson, W. R.	Fernie, B.C.	90	7- 9-15
Wark, S. D.	Sointula, B.C.	99	9- 9-15
Wheeler, James S.	Calgary	112	23-11-15
Wright, Edwin	Fernie, B.C.	138	11- 7-18
Young, W. H.	(Deceased)	28	19- 8-15

Certificates issued previous to September 1, 1905, were issued under the provisions of *The Coal Mines Regulation Ordinance* of the North-West Territories.

Certificates issued between September 1, 1905, and May 9, 1906, were issued under the provisions of *The Coal Mines Ordinance* of the North-West Territories.

Certificates issued between May 9, 1906, and August 1, 1913, were issued under the provisions of *The Coal Mines Act* of the Province of Alberta.

Certificates issued since August 1, 1913, were issued under the provisions of *The Mines Act* of the Province of Alberta.

The following is the general Wage Schedule as paid at December 31, 1924:—

INSIDE WAGES

Occupation	Per Day.	Hours
Shot Lighter.....	\$6.56	8
Bratticeman.....	6.56	8
Bratticeman's Helper.....	6.03	8
Timberman.....	6.56	8
Timberman's Helper.....	6.03	8
Tracklayers.....	6.56	8
Tracklayer's Helper.....	6.03	8
Motorman.....	6.31	8
Motorman's Helper.....	6.03	8
Locomotive Engineer.....	6.31	8
Locomotive Switchman.....	6.03	8
Drivers.....	6.31	8
Drivers (spike team).....	6.76	8
Couplers (men).....	6.03	8
Couplers (boys).....	3.85	8
Switch Boys.....	\$3.53 to	3.85 8
Door Boys.....	3.23	8
Fan Boys.....	\$3.23 to	3.85 8
Rope Riders.....	6.31	8
Main and Tail Rope Riders.....	6.56	8
Pushers.....	6.03	8
Buckers.....	6.03	8
Loaders.....	6.03	8
Miners.....	6.56	8
Rock Miners.....	7.02	8
Timber Handlers.....	6.31	8
Cagers, Slope and Incline.....	6.03	8
Cagers, Shaft.....	6.56	8
Machinemen (Air).....	7.02	8
Machinemen (Electric).....	8.24	8
Machinemen's Helper (Air).....	6.56	8
Machinemen's Helper (Electric).....	6.67	8
Pumpmen.....	6.03	8
Pumpmen (Galt Mines).....	6.47	8
Hoistman.....	\$6.31 to	6.56 8
Drivers (Boys).....	3.85 to	5.02 8
Grippers.....	6.03	8
Grippers (Boys).....	3.85 to	5.02 8
Pipe Fitters' Helpers.....	6.03	8
Pick Carriers.....	3.53 to	5.02 8
Clutchmen.....	6.56	8
Rollermen.....	6.03	8
All other Labor not Classified.....	6.03	8

OUTSIDE WAGES

Bottom Man.....	6.20	8
Slate Pickers (Boys).....	3.53	8
Slate Pickers (Men).....	5.76	8
Car Oilers (Men).....	5.76	8
Car Oilers (Boys).....	3.85	8
Tally Boys.....	3.53	8
Teamsters.....	6.19	8
Blacksmiths.....	7.12	8
Blacksmiths' Helpers.....	6.20	8
Carpenters.....	7.12	8
Carpenters' Helpers.....	6.20	8
Power House Engineers.....	\$6.66 to	7.28 8
Hoisting Engineers.....	6.47 to	7.04 8
Fan Men.....	5.76	8
Incline Engineers.....	6.66	8
Tail Rope Engineers.....	6.90	8
Endless Rope Engineers.....	6.56	8

OUTSIDE WAGES—(Continued)

Occupation	Per Day	Hours
Box Car Loader Engineers.....	\$6.66	8
Tipple Engineers.....	6.66	8
Screen Engine Tender.....	5.91	8
Locomotive Engineer.....	6.66	8
Locomotive Switchman.....	6.30	8
Firemen.....	6.20	8
Fireman's Helper.....	5.91	8
Water Tender.....	5.87	8
Railway Car Handler.....	5.86	8
Tipple Dumper (Man).....	6.20	8
Tipple Dumper's Helpers.....	5.91	8
Tipple Dumper (Boy).....	3.85	8
Top Cagers.....	5.91	8
Car Repairer.....	6.66	8
Car Repairer's Helper.....	6.20	8
Breaker Engineer.....	6.66	8
Lampman.....	\$5.75 to	6.19
Machinists.....	6.66 to	7.12
Machinist's Helper.....	6.20	8
Ashman.....	5.76	8
Wiper (Man).....	5.76	8
Coupler (Man).....	5.76	8
Coupler (Boy).....	3.85	8
Breaker Oiler.....	5.87	8
Washer or Tipple Oiler.....	5.87	8
Breaker Picker Boss.....	6.20	8
Timber Framer.....	6.66	8
Timber Sawyer.....	5.91	8
Box Car Shoveller.....	6.19	8
Breaker Platform Boss.....	6.20	8
Breaker Platform Men.....	5.86	8
Breaker Screen Men.....	5.76	8
Rock Bank Men.....	5.76	8
Dirt Bank Men.....	5.76	8
Fan Fireman.....	5.99	8
Stableman.....	5.76	8
Finisher after Box Car Loader.....	5.76	8
Motor Truck Driver.....	6.66	8
All other Labor not Classified.....	5.76	8

BEE HIVE COKE OVENS

Steam Locomotive Engineers.....	\$6.66	8
Motorman.....	6.43	8
Lorryman.....	5.76	8
Plasterers.....	5.76	8
Carters and Cleaners.....	5.76	8
All other Labor.....	5.76	8

BELGIAN COKE OVENS

Ram Engine Men.....	\$6.66	8
Chargers.....	6.19	8
Clayers.....	6.20	8
Drawers.....	6.19	8
Loaders.....	5.86	8

BRIQUETTING PLANT

Engineers.....	\$6.66	8
Briquetter.....	6.77	8
Tar Melter.....	6.03	8
Laborers.....	5.76	8
Oilers.....	6.20	8

The average earnings of contract miners previous to April 1, 1924, was from \$9.94 to \$11.16 and since the new agreement is from \$8.64 to \$8.67.

INDEX

i

A

Page

Accidents, ignition of gas by open light	5
which caused loss of more than one life, description of	5- 6
fatal, above ground	23
fatal, below ground	23
serious, above ground	23
serious, below ground	23
slight, above ground	23
slight, below ground	23
total number from 1906 to 1924 inclusive	177
total number in each field for 1924	177
classified according to outputs	178
tons extracted according to mines producing, per	178
tons produced in domestic coal fields by districts	179
tons produced in sub-bituminous coal field by districts	179
tons produced in bituminous coal field by districts	180
details of each, in domestic field	181 to 191
details of each, in sub-bituminous field	192 to 194
details of each, in bituminous field	195 to 197
description of each fatal	198 to 201
by months	202
tabulated list of total	202
tabulated and classified according to districts	203
classified in domestic fields according to cause	204- 205
classified in sub-bituminous fields according to cause	206
classified in bituminous fields according to cause	207
classified according to mines in domestic field	208- 209
classified according to mines in sub-bituminous field	209
classified according to mines in bituminous field	210
Alberta, annual production of coal and value of same, 1881 to 1923, incl. .	13
total importation bituminous round, 1919 to 1924, incl.	16
total importation bituminous slack, 1919 to 1924, incl.	16
mineral production, 1923 and 1924	22
bricks, total used from shale mines	24
total amount of domestic coal sold by months, for consumption in	56
total amount of sub-bituminous coal sold by months, for consumption	
in	57
total amount of bituminous coal sold by months, for consumption in	58
domestic coal sold for consumption as lump, in	78
domestic coal sold for consumption as mine run, in	79
domestic coal sold for consumption as nut, in	80
domestic coal sold for consumption as slack, in	81
sub-bituminous coal sold for consumption as lump, in	82
sub-bituminous coal sold for consumption as mine run, in	82
sub-bituminous coal sold for consumption as nut, in	83
sub-bituminous coal sold for consumption as slack, in	83
bituminous coal sold for consumption as lump, in	84
bituminous coal sold for consumption as mine run, in	84
bituminous coal sold for consumption as nut, in	85
bituminous coal sold for consumption as slack, in	85
total coal sold by years, 1915 to 1924, incl., for consumption in	37
Aldersyde District, description of mines in	235- 236
Alphabetical list of mines, with dates of opening, etc.	290- 327
Annual production, Alberta, 1905 to 1924, incl.	25
North-West Territories (Alberta and Saskatchewan) 1901	
to 1904, incl.	25

	Page
Annual consumption of Canadian coal, 1886 to 1923, incl.	14
of imported coal, 1886 to 1923, incl.	14
of coal per capita, 1886 to 1923, incl.	14
Anthracite coal importation, 1919 to 1924, incl.	17
coal importation, 1920 to 1923, into Ontario, Manitoba, Sas-	
katchewan and Alberta	15
production by districts from 1918 to 1924, incl.	40
coal used under colliery boilers	28
coal lifted from stock	28
mine per capita production for years 1910 to 1924, incl.	148
total sales by districts during each month	55
approved lamps under Reg. 4 (d)	7

B

Battle River District, description of mines in	266- 271
Bituminous Round, importations 1919 to 1924, incl.	16
monthly importations, 1924.	18
Bituminous slack, monthly importations 1924	19
importation from 1919 to 1924, incl.	16
production by districts from 1918 to 1924, incl.	40
coal, disposition of total output by districts	32
coal, disposition of total output by months	36
total production by months during 1924	41
total output of coal by districts during each month	44
total lump by districts during each month.	51
total mine run by districts during each month	51
total nut by districts during each month	52
total slack by districts during each month	52
total sales by districts during each month	55
total amount of coal sold by months for consumption in Al-	
berta	58
total amount of coal sold by months to railroad companies	59
total amount of coal sold for consumption in Saskatchewan ...	63
total amount of coal sold for consumption in Manitoba	65
total amount of coal sold for consumption in Ontario	67
total amount of coal sold for consumption in United States ...	69
total monthly sales by districts, of lump	76
total monthly sales by districts, of mine run	76
total monthly sales by districts, of nut	77
total monthly sales by districts, of slack	77
lump coal for consumption in Alberta	84
mine run coal for consumption in Alberta	84
nut coal for consumption in Alberta	85
slack coal for consumption in Alberta	85
lump coal for consumption in Saskatchewan	100
mine run coal for consumption in Saskatchewan	100
nut coal for consumption in Saskatchewan	101
slack coal for consumption in Saskatchewan	101
lump coal for consumption in Manitoba	108
mine run coal for consumption in Manitoba	108
nut coal for consumption in Manitoba	109
slack coal for consumption in Manitoba	109
lump coal for consumption in Ontario	116
lump coal for consumption in United States	121

INDEX

iii

	Page
Bituminous mine run coal for consumption in United States	121
nut coal for consumption in United States	122
slack coal for consumption in United States	122
total sales by grades and provinces during 1924	126
total sales by grades and districts during 1924	128
coal used under colliery boilers	131
coal used by colliery railroads	133
coal put to stock	135
lifted from stock	139
put on the waste heap	137
number of mines classified according to output	141
mines, number of men employed at December 31st, 1924	141
number of men employed by districts classified as to occupation	144
total men employed each month by districts	146
per capita production for years 1910 to 1924, incl.	148
per capita production by districts during 1924	150
number of days worked each month by districts	152
average hours worked per week each month by districts ..	155
quantity of timber used by districts during 1924	157
quantity of explosives used in coal	163
tons of coal produced per pound of explosives used in ...	165
shots fired in coal in	167
misfires in blasting coal in	169
tons produced per accident in	180
descriptive list of accidents in	195- 197
accidents classified according to cause in	207
accidents classified according to mines in	210
Big Valley District, description of mines in	248- 249
Bow Island District, description of mines in	231- 232
Board of Examiners, report of	328
Brazeau District, description of mines in	251
Bricks, output of shale used making	24 and 23
total number sold	24
sold for use in Alberta, B. C., Saskatchewan and Manitoba	24
Briquettes disposition of total output 1923	29
lifted from stock	28
British Columbia, importation bituminous round 1919 to 1924 incl.	16
importation bituminous slack, 1919 to 1924, incl.	16
monthly importation bituminous round 1924	18- 21
monthly importation bituminous slack 1924	19- 21
monthly importation anthracite 1924	20- 21
bricks shipped from shale mines to	24
total amount domestic coal sold each month for consumption in	60
total amount sub-bituminous coal sold each month for consumption in	61
total amount bituminous coal sold each month for consumption in	61
domestic lump coal for consumption in	86
domestic mine run coal for consumption in	87
domestic nut coal for consumption in	88
domestic slack coal for consumption in	89
sub-bituminous lump coal for consumption in	90
sub-bituminous mine run coal for consumption in	90

	Page
British Columbia, sub-bituminous nut coal for consumption in	91
sub-bituminous slack coal for consumption in	91
bituminous lump coal for consumption in	92
bituminous mine run coal for consumption in	92
bituminous nut coal for consumption in	93
bituminous slack coal for consumption in	93
total coal sold by years, 1915 to 1924, incl., for consumption in	37
Brooks District, description of mines in	251- 252
Burrell gas detector	6

C

Canadian Dinant Coal Co., destruction of tippie by fire	6
Calgary District, description of mines in	238- 239
Camrose District, description of mines in	271- 274
Canmore District, description of mines in	239
Canada, total monthly importation bituminous round, 1924	18
total monthly importation bituminous slack, 1924	19
total monthly importation anthracite, 1924	20
Canadian coal, annual consumption of	14
Carbon District, description of mines in	264- 266
Cardiff District, description of mines in	281- 282
Certificates issued during 1924, first class	23
issued during 1924, second class	23
issued during 1924, third class	23
issued during 1924, mine surveyors'	23
total issued to December 31, 1924, first class	23
total issued to December 31, 1924, second class	23
total issued to December 31, 1924, third class	23
total issued to December 31, 1924, mine surveyors'	23
list of holders of first class	343- 346
list of holders of second class	346- 352
list of holders of third class	352- 366
list of holders of mine surveyors'	367- 369
number of provisionals issued	6-23- 328
Classification of output, 1901 to 1924, incl.	26
Clover Bar District, description of mines in	275- 277
Coal, annual production and value, 1886 to 1923, incl.	13
total production in 1924	23
mines, number in operation	6- 23
number opened	6- 23
number re-opened	6- 23
number abandoned	6- 23
number closed	6- 23
number in operation at December 31, 1924	6- 23
comparison of outputs by districts, 1923 and 1924	27
disposition of total output, 1923 and 1924	28- 29
disposition by months of total output of	33
domestic, disposition of total output by districts	30
domestic, disposition of total output by months	34
sub-bituminous, disposition of total output by districts	31
sub-bituminous, disposition of total output by months	35
bituminous, disposition of total output by districts	32
bituminous, disposition of total output by months	36

INDEX

v

	Page
Coal, sales by provinces from 1915 to 1924, inclusive	37
total production of each class by months during 1924	41
total production by months during 1924	44
total shipments to each province	28
tonnage produced per pound of explosive used by districts in each field	164- 165
produced per electrical horse power used	175
cutting machinery, tonnage produced by	176
Colliery boilers, total coal used under	28
total coal used under by months	33
domestic coal used under	28-30- 34
sub-bituminous coal used under	28-31- 35
bituminous coal used under	28-32- 36
anthracite coal used under	28
Compressed air machines and tonnage produced by	176
Crow's Nest Pass District, description of mines in	215- 218
amount of purchased electrical power used in	6

D

Days worked each month by districts, domestic field	151
each month by districts, sub-bituminous field	152
each month by districts, bituminous field	152
Disposition of total output of coal and briquettes, 1923 and 1924	28- 29
total output of coal by months for 1924	289
District inspector, death of and appointment	5
Districts, names and numbers with inspectors	289
maps showing inspection	12
Domestic coal, disposition of total output by districts	30
disposition of total output by months	34
produced by districts from 1918 to 1924 incl.	38
produced by months during 1924	41
total output by districts during each month	42
total output of lump by districts each month	45
total output of mine run by districts each month	46
total output of nut by districts each month	47
total output of slack by districts each month	48
total sales by districts during each month	53
total amount sold for consumption in Alberta by months ..	56
total amount sold for consumption in British Columbia by months	60
total amount sold for consumption in Saskatchewan by months	62
total amount sold for consumption in Manitoba by months ..	64
total amount sold for consumption in Ontario by months ..	66
total amount sold for consumption in United States by months	68
sold as lump for consumption in Alberta	78
sold as mine run for consumption in Alberta	79
sold as nut for consumption in Alberta	80
sold as slack for consumption in Alberta	81
sold as lump for consumption in British Columbia	86
sold as mine run for consumption in British Columbia	87
sold as nut for consumption in British Columbia	88
sold as slack for consumption in British Columbia	89

	Page
Domestic coal, sold as lump for consumption in Saskatchewan.....	94
sold as mine run for consumption in Saskatchewan	95
sold as nut for consumption in Saskatchewan	96
sold as slack for consumption in Saskatchewan.....	97
sold as lump for consumption in Manitoba	102
sold as mine run for consumption in Manitoba	103
sold as nut for consumption in Manitoba.....	104
sold as slack for consumption in Manitoba	105
sold as lump for consumption in Ontario	110
sold as mine run for consumption in Ontario	111
sold as nut for consumption in Ontario.....	112
sold as slack for consumption in Ontario	113
sold as lump for consumption in United States	117
sold as nut for consumption in United States	118
sold as slack for consumption in United States	119
total sales by provinces and grades during 1924.....	125
total sales by grades and districts during 1924	127
used under colliery boilers	129
used by colliery railroads.....	132
put to stock	134
lifted from stock	138
put on the waste heap	136
lifted from the waste heap	140
per capita production for the years 1910 to 1924, incl.	147
per capita production by districts, 1924	149
number of mines, classified according to output	141
mines, number of men employed at December 31, 1924	141
number of men employed by districts classified as to occupa- tion	142
total men employed each month by districts	145
number of days worked each month by districts	151
average hours worked per week each month by districts	153
quantity of timber used by districts	156
quantity of explosive used in coal.....	160- 161
tons of coal produced per pound of explosive used in	164
shots fired in coal	166
miss-fires in blasting coal	168
tons of coal produced per accident	179
descriptive list of accidents	181- 191
accidents classified according to cause	204- 205
accidents classified according to mines	208- 209
Drumheller District, description of mines in.....	241- 244
amount of purchased electrical power used in	6
Drivers, number prosecuted	6

E

Edmonton District, description of mines in	277- 278
amount of purchased electrical power used in	6
Electric lamps, Edison type in use during year	6-158- 159
Oldham type in use during year	6-158- 159
Wico type in use during year	6-158- 159
Ceag type in use during year	6-158- 159
Wheat type in use during year	6

INDEX

vii

	Page
Electricity, number of mines using	174
number of machines operating and tonnage produced by	176
tons produced per electrical horse power.....	175
amount of purchased power used	6
Employees, average number above ground	23
average number below ground	23
Examinations, question papers for first class	329- 335
results of	328
question papers for second class	336- 340
question papers for mine surveyors	341- 342
Explosives, blasting coal, domestic coal field	160- 161
blasting coal, sub-bituminous coal field	162
blasting coal, bituminous coal field	163
quantity used blasting rock	170- 171

F

Fatal accidents, above ground	23
below ground	23
description of each	198- 201
First class certificates, examination paper for	329- 335
list of holders of	312- 315
Fort Frances, importation bituminous coal, 1919 to 1924, incl.	16
importation anthracite coal, 1919 to 1924, incl.	17
monthly importation bituminous round, 1924	18
monthly importation bituminous slack, 1924	19
monthly importation anthracite, 1924	20
Fort William, importation bituminous coal, 1919, to 1924, incl.	16
importation anthracite coal, 1919 to 1924, incl.	17
monthly importation bituminous round, 1924	18
monthly importation bituminous slack, 1924	19
monthly importation, anthracite, 1924	20
Fuel engineer, report of George R. Pratt	8- 11

G

Gleichen District, description of mines in	239- 240
--	----------

H

Hanna District, description of mines in	252- 256
High River District, description of mines in	237- 238
Hours, average worked per week each month in domestic districts	153
average worked per week each month in sub-bituminous districts ..	154
average worked per week each month in bituminous districts	155

I

Ignition of gas by open light	5
Importations, anthracite, 1919 to 1924, incl.	17
bituminous round, 1919 to 1924, incl.	16
bituminous slack, 1919 to 1924, incl.	16
monthly bituminous round, 1924	18
monthly bituminous slack, 1924	19
monthly anthracite, 1924	20
total 1924	21

	Page
Importations, anthracite and bituminous coal, 1920 to 1923, incl.	15
Imported coal, annual consumption of	14
Inspectors, names of and districts	289

J

Jasper Park District, description of mines in	283
Johnson, Moses, appointment of	5

L

Lacombe District, description of mines in	256- 259
Lamps, number of Wolfe type	6-158- 159
number of Edison electric type	6-158- 159
number of Ceag electric type	6-158- 159
number of Oldham electric type	6-158- 159
number of Wico electric type	6-158- 159
number of Koehler type	158- 159
number of Wheat type	6
Lethbridge District, description of mines in	220- 224
amount of purchased electrical power used in	6
Letter of transmittal	3
List of mines with dates of opening, abandoning and re-opening	290-327
Lump coal, domestic total output by districts each month	45
sub-bituminous, total output by districts each month	49
bituminous, total output by districts each month	51
domestic, total monthly sales by districts	70
sub-bituminous, total monthly sales by districts	74
bituminous, total monthly sales by districts	76
domestic, sold for consumption in Alberta as	78
sub-bituminous, sold for consumption in Alberta as	82
bituminous, sold for consumption in Alberta as	84
domestic, sold for consumption in British Columbia as	86
sub-bituminous, sold for consumption in British Columbia as ..	90
bituminous, sold for consumption in British Columbia as	92
domestic, sold for consumption in Saskatchewan as	94
sub-bituminous, sold for consumption in Saskatchewan as	98
bituminous, sold for consumption in Saskatchewan as	100
domestic, sold for consumption in Manitoba as	102
sub-bituminous, sold for consumption in Manitoba as	106
bituminous, sold for consumption in Manitoba as	108
domestic, sold for consumption in Ontario as	110
sub-bituminous, sold for consumption in Ontario as	114
bituminous, sold for consumption in Ontario as	116
domestic, sold for consumption in United States	117
sub-bituminous, sold for consumption in United States	120
bituminous, sold for consumption in United States	121
total sales by provinces from 1920 to 1924, incl.	123
total sales by districts during 1924	127

M

Magrath District, description of mines in	224- 225
Manitoba, importation of bituminous coal	16
importation of anthracite coal	17

INDEX

ix

	Page
Manitoba, monthly importation bituminous round, 1924	18
monthly importation bituminous slack, 1924	19
monthly importation anthracite, 1924	20
bricks shipped from shale mines to	24
total amount of domestic coal sold for consumption in	64
total amount of sub-bituminous coal sold for consumption in....	65
total amount of bituminous coal sold for consumption in	65
domestic coal, lump, for consumption in	102
domestic coal, mine run, for consumption in	103
domestic coal, nut, for consumption in	104
domestic coal, slack, for consumption in	105
sub-bituminous coal, lump, for consumption in	106
sub-bituminous coal, mine run, for consumption in	106
sub-bituminous coal, nut, for consumption in	107
sub-bituminous coal, slack, for consumption in	107
bituminous coal, lump, for consumption in	108
bituminous coal, mine run, for consumption in	108
bituminous coal, nut, for consumption in	109
bituminous coal, slack, for consumption in	109
total coal sold by years, 1919 to 1924, incl., for consumption in	37
Map showing inspection districts	12
Medicine Hat District, description of mines in	232-235
amount of purchased electrical power used in	6
Men, average number employed above ground	23
average number employed below ground	23
employed at shale mines	24
total number employed at December 31, 1924, in each coal field...	6-141
employed domestic field classified according to occupation and districts at December 31, 1924	142
employed sub-bituminous field classified according to occupation and districts at December 31, 1924	143
employed bituminous field classified according to occupation and districts at December 31, 1924	144
total employed domestic field each month by districts	145
total employed sub-bituminous field each month by districts	146
total employed bituminous field each month by districts	146
Milk River District, description of mines in	225-228
Mineral production of Alberta, 1923 and 1924	22
Mine air samples	6
Mine run coal, domestic, total output by districts each month	46
sub-bituminous, total output by districts each month	49
bituminous, total output by districts each month	51
domestic, total monthly sales by districts	71
sub-bituminous, total monthly sales by districts	74
bituminous, total monthly sales by districts	76
domestic, sold for consumption in Alberta as	79
sub-bituminous, sold for consumption in Alberta as	82
bituminous, sold for consumption in Alberta as	84
domestic, sold for consumption in British Columbia as	87
sub-bituminous, sold for consumption in B. C. as	90
bituminous, sold for consumption in British Columbia as ..	92
domestic, sold for consumption in Saskatchewan as	95
sub-bituminous, sold for consumption in Saskatchewan as ..	98
bituminous, sold for consumption in Saskatchewan as	100
domestic, sold for consumption in Ontario as	111
sub-bituminous, sold for consumption in Ontario as	114

	Page
Mine run coal, sub-bituminous, sold for consumption in United States as .	120
bituminous, sold for consumption in United States as	121
total sales by provinces from 1920 to 1924, incl.	123
Miners, number prosecuted	211- 214
Mines, description of, in Crow's Nest Pass	215- 218
in Pincher Creek	218- 219
in Lethbridge	220- 224
in Magrath	224- 225
in Milk River	225- 228
in Taber	228- 230
in Bow Island	231- 232
in Medicine Hat	232- 235
in Aldersyde	235- 236
in High River	237- 238
in Calgary	238
in Canmore	239
in Gleichen	239- 240
in Drumheller	241- 244
in Rosedale	244- 246
in Wayne	246- 248
in Big Valley	248- 249
in Saunders	250
in Brazeau	251
in Brooks	251- 252
in Hanna	252- 256
in Lacombe	256- 259
in Trochu	259- 263
in Three Hills	263- 264
in Carbon	264- 266
in Battle River	266- 271
in Camrose	271- 274
in Tofield	274- 275
in Clover Bar	275- 277
in Edmonton	277- 278
in Strathcona	278- 280
in Namao	280- 281
in Cardiff	281- 282
in Wabamun	282
in Pembina	282- 283
in Jasper Park	283
in Yellowhead	284- 286
in Mountain Park	286- 287
in Peace River	287- 288
number classified according to output	143
number in operation	5-23- 289
number opened	5-23- 289
number re-opened	5-23- 289
number abandoned	5-23- 289
number of shale in operation	5- 23
Mine Surveyors, examination question papers for	341- 342
list of holders of certificates as	367- 369
Mountain Park District, description of mines in	286- 287

· xī

Page

O

Officials, number prosecuted.....	6-211-	214
Ontario, number impertations bituminous round and slack, 1919 to 1924.....		16
total importations anthracite coal, 1919 to 1924.....		17
total importations anthracite coal, 1919 to 1924, to Central.....		17
monthly importation bituminous round, 1924.....		18
monthly importation bituminous slack, 1924.....		19
monthly importation anthracite, 1924.....		20
total importations coal, 1924.....		21
total amount of domestic coal sold during each month for consump- tion in.....		66
total amount of sub-bituminous coal sold during each month for consumption in.....		67
total amount of bituminous coal sold during each month for con- sumption in.....		67
domestic lump coal for consumption in.....		110
domestic mine run coal for consumption in.....		111
domestic nut coal for consumption in.....		112
total coal sold by years, 1919 to 1924 incl., for consumption in.....		37
domestic slack coal for consumption in.....		113
sub-bituminous lump coal for consumption in.....		114
sub-bituminous mine run coal for consumption in.....		114
sub-bituminous nut coal for consumption in.....		115
bituminous lump coal for consumption in.....		116
Operators, number prosecuted.....	6-211-	214
Output, North West Territories (Alberta and Saskatchewan) 1901 to 1924 incl.		25
classification of, 1901 to 1924 incl.....		26
comparison by districts, 1923 and 1924.....		27

P

	Page
Peace River, description of mines in.....	287- 288
Pembina District, description of mines in.....	282- 283
Per capita consumption of coal in Canada.....	14
Permitted explosives, list of.....	7
changes in list of.....	5
Pincher Creek District, description of mines in.....	218- 219
Port Arthur, importations bituminous coal, 1919 to 1924 incl.	16
importations anthracite coal, 1919 to 1924 incl.	17
importations monthly bituminous round, 1924.....	18
importations monthly bituminous slack, 1924.....	19
importations monthly anthracite, 1924.....	20
Pratt, George R., annual report.....	8- 11
Production domestic coal by districts, 1918 to 1924 incl.	38
sub-bituminous coal by districts, 1918 to 1924 incl.	39
bituminous coal by districts, 1918 to 1924 incl.	40
anthracite coal by districts, 1918 to 1924 incl.	40
total of each class of coal by months during 1924.....	41
per capita, total from 1906 to 1924 incl.	147
per capita, domestic, from 1910 to 1924 incl.	147
per capita, sub-bituminous, for 1923 and 1924.....	147
per capita, bituminous, from 1910 to 1924 incl.	148
per capita, anthracite, from 1910 to 1924 incl.	148
per capita, domestic field by districts, 1924.....	149
per capita, sub-bituminous field by districts, 1924.....	149
per capita, bituminous field by districts, 1924.....	149
of coal per electrical horse power.....	173
total, 1923 and 1924.....	28- 29
total disposition by provinces, 1923 and 1924.....	28- 29
Prosecutions for contravention of The Mines Act, number of.....	6-211- 214
Provisional certificates issued, number of.....	6-23- 328
conditions.....	6

R

Railroads, total coal sold for consumption by.....	5- 29
total amount of sub-bituminous coal sold for consumption	
by .....28-31-35-	59
total amount of bituminous coal sold for consumption by..	28-32-36- 59
Regulations issued by order-in-council under The Mines Act.....	6
Report of Board of Examiners.....	328
Rock, explosives used in coal mines for blasting.....	170- 171
number of shots fired for blasting.....	172
number of miss-shots in blasting.....	173
Rosedale District, description of mines in.....	244- 246
amount of purchased electric power used in.....	6

S

Safety lamps, approved for use in mines.....	7
number of Wolfe and Koehler type.....	6-158- 159
Sales, total by provinces, 1915 to 1924 incl.	37
total domestic by districts during each month.....	53
total sub-bituminous by districts during each month.....	54
total bituminous by districts during each month.....	55
total anthracite by districts during each month.....	55

	Page
Sales, total lump coal by districts each month (domestic).....	70
total mine run coal by districts each month (domestic).....	71
total nut coal by districts each month (domestic).....	72
total slack coal by districts each month (domestic).....	73
total lump coal by districts each month (bituminous).....	76
total mine run coal by districts each month (bituminous).....	76
total nut coal by districts each month (bituminous).....	77
total slack coal by districts each month (bituminous).....	77
total domestic coal by provinces and grades during 1924.....	125
total sub-bituminous coal by provinces and grades during 1924.....	125
total bituminous coal by provinces and grades during 1924.....	126
total domestic coal by grades and districts during 1924.....	127
total bituminous coal by grades and districts during 1924.....	128
Saskatchewan, importations bituminous coal, 1919 to 1924 incl.....	16
importations anthracite coal 1919 to 1924 incl.	17
monthly importations bituminous round, 1924.....	18
monthly importations bituminous slack, 1924.....	19
monthly importations anthracite, 1924.....	20
bricks shipped from shale mines to.....	24
total amount of domestic coal sold for consumption in.....	62
total amount of sub-bituminous coal sold for consumption in.....	63
total amount of bituminous coal sold for consumption in.....	63
domestic coal sold as lump for consumption in.....	94
domestic coal sold as mine run for consumption in.....	95
domestic coal sold as nut for consumption in.....	96
domestic coal sold as slack for consumption in.....	97
sub-bituminous coal sold as lump for consumption in.....	98
sub-bituminous coal sold as mine run for consumption in... ..	98
sub-bituminous coal sold as nut for consumption in.....	99
sub-bituminous coal sold as slack for consumption in.....	99
bituminous coal sold as lump for consumption in.....	100
bituminous coal sold as mine run for consumption in.....	100
bituminous coal sold as nut for consumption in.....	101
bituminous coal sold as slack for consumption in.....	101
total coal sold by years, 1915 to 1924 incl., for consumption in.....	37
Saunders District, description of mines in.....	250
Schedule of wages, outside men.....	371- 372
inside men.....	371
Second class certificates, list of holders of.....	346- 352
examination question papers for.....	336- 340
Serious accidents, above ground.....	23
below ground.....	23
Shale, total production 1924.....	23- 24
number of mines in operation.....	5- 23
mines, particulars as to work done in.....	24
Shots fired blasting coal in each field in districts.....	166- 167
miss-fires in blasting coal in each field by districts.....	168- 169
fired in blasting rock in coal mines.....	172
miss-fires blasting rock in coal mines.....	173
Slack, domestic, total output each month by districts.....	48
bituminous, total output each month by districts.....	52
total monthly sales of bituminous.....	77
domestic coal sold for consumption in Alberta as.....	81
sub-bituminous coal sold for consumption in Alberta as.....	83
bituminous coal sold for consumption in Alberta as.....	85

	Page
Slack, domestic coal sold for consumption in British Columbia as.....	89
sub-bituminous coal sold for consumption in British Columbia as....	91
bituminous coal sold for consumption in British Columbia as.....	93
domestic coal sold for consumption in Manitoba as.....	105
sub-bituminous coal sold for consumption in Manitoba as.....	107
bituminous coal sold for consumption in Manitoba as.....	109
domestic coal sold for consumption in Ontario as.....	113
domestic coal sold for consumption in United States as.....	119
bituminous coal sold for consumption in United States as.....	122
total sales by provinces from 1920 to 1924 incl.	124
Stock, total coal put to.....	5-28- 33
total coal lifted from.....	5-28- 33
domestic coal put to	28-30-34- 134
bituminous coal put to.....	28-32-36- 135
domestic coal lifted from.....	28-30-34- 138
bituminous coal lifted from.....	28-32-36- 139
anthracite coal lifted from.....	28- 139
Strathcona District, description of mines in.....	278- 280
Sub-bituminous coal, disposition of total output by districts.....	31
disposition of total output by months.....	35
production by districts from 1918 to 1924 incl.	39
production by months during 1924.....	41
total output by districts during each month.....	43
total output lump coal by districts each month.....	49
total output mine run coal by districts each month.....	49
total output nut by districts each month.....	50
total output slack by districts each month.....	50
total amount sold for consumption in Alberta.....	57
total amount sold to railroads.....	59
total amount sold for consumption in B.C.	61
total amount sold for consumption in Manitoba.....	65
total amount sold for consumption in Ontario.....	67
total amount sold for consumption in United States...	69
monthly sales of lump.....	74
monthly sales of mine run.....	74
monthly sales of nut.....	75
monthly sales of slack.....	75
sold as lump for consumption in Alberta.....	82
sold as mine run for consumption in Alberta.....	82
sold as nut for consumption in Alberta.....	83
sold as slack for consumption in Alberta.....	83
sold as lump for consumption in British Columbia.....	90
sold as mine run for consumption in British Columbia..	90
sold as nut for consumption in British Columbia.....	91
sold as slack for consumption in British Columbia....	91
sold as lump for consumption in Manitoba.....	106
sold as mine run for consumption in Manitoba.....	106
sold as nut for consumption in Manitoba.....	107
sold as slack for consumption in Manitoba.....	107
sold as lump for consumption in Ontario.....	114
sold as mine run for consumption in Ontario.....	114
sold as nut for consumption in Ontario.....	115
sold as lump for consumption in United States.....	120
sold as mine run for consumption in United States.....	120
total sales by grades and districts.....	127

INDEX

xv

	Page
Sub-bituminous coal, used under colliery boilers.....	130
used by colliery railroads.....	133
put to stock.....28-31-35-	135
lifted from stock.....28-31-35-	139
put on the waste heap.....28-31-35-	137
number of mines classified according to output.....	141
mines, number of men employed at December 31, 1924.....	141
number of men employed by districts classified as to	
occupation.....	143
total men employed each month by districts.....	146
per capita production for years 1922, 1923 and 1924 ..	147
per capita production for year 1924.....	149
number of days worked each month by districts.....	152
average hours worked per week each month by districts..	154
quantity of timber used by districts.....	156
quantity of explosives used in coal.....	162
tons of coal produced per pound of explosive used.....	164
miss-fires in blasting coal.....	169
coal, tons produced per accident.....	179
mines, description of accidents in.....192-	194
accidents classified according to cause in.....	206
districts, accidents classified according to mines in.....	209
Summary of statistics.....	23

T

Taber District, description of mines in.....	228- 230
Third class certificates, list of holders of.....	321- 334
Three Hills District, description of mines in.....	263- 264
Timber, quantity used in the domestic coal field.....	156
quantity used in the sub-bituminous coal field.....	156
quantity used in the bituminous coal field.....	157
Tofield District, description of mines in.....	274- 275
Trochu District, description of mines in.....	259- 263

U

United States, total amount of domestic coal sold for consumption in.....	68
total amount sub-bituminous coal sold for consumption in....	69
total amount of bituminous coal sold for consumption in....	69
domestic coal, lump, sold for consumption in.....	117
domestic coal, sold as nut for consumption in.....	118
domestic coal sold as slack for consumption in.....	119
sub-bituminous coal sold as lump for consumption in.....	120
sub-bituminous coal sold as mine run for consumption in....	120
bituminous coal sold as lump for consumption in.....	121
bituminous coal sold as mine run for consumption in.....	121
bituminous coal sold as nut for consumption in.....	122
bituminous coal sold as slack for consumption in.....	122
total coal sold for consumption in 1924.....28-	33
total coal sold by years, 1919 to 1924 for consumption in.....	37

V

Value of annual output of Alberta coal, 1886 to 1923 incl.	13
---	----

W

	Page
Wabamun District, description of mines in.....	282
Wages for outside men, schedule of.....	371- 372
inside men, schedule of.....	371
Waste heap, total coal put on.....	5-28- 33
total coal lifted from.....	5-28- 33
domestic coal put on.....	28-30-34- 136
sub-bituminous coal put on.....	28-31-35- 137
bituminous coal put on.....	28-32-36- 137
domestic coal lifted from.....	28-30-34- 140
Wayne District, description of mines in.....	246- 248
amount of purchased electric power used in.....	6
Yellowhead District, description of mines in.....	284- 286

Date Due[illegible]

TN 27 A3 A3379 1923/1924
ALBERTA MINES BRANCH
ANNUAL REPORT/

SERIAL M1 39788682 SCI



000036404689

ONE WEEK LOAN

TN
27
A3A3379
1923/24

2226805

SCIENCE
CAMERON LIBRARY

